

EXPERIENTIA



REVUE MENSUELLE DES SCIENCES PURES ET APPLIQUÉES
MONATSSCHRIFT FÜR DAS GESAMTE GEBIET DER NATURWISSENSCHAFT
RIVISTA MENSILE DI SCIENZE PURE E APPLICATE
MONTHLY JOURNAL OF PURE AND APPLIED SCIENCE
REVISTA MENSUAL DE LAS CIENCIAS NATURALES
ЕЖЕМЕСЯЧНЫЙ ЖУРНАЛ ЕСТЕСТВЕННЫХ НАУК

Editores: H. AEBI, Bern · D. ARIGONI, Zürich · P. S. CHEN, Zürich · A. TISSIÈRES, Genève · S. WEIDMANN, Bern

Redactor: H. MISLIN, Basel · Carona

Pars I

Vol. 34 · 1978

BIRKHÄUSER VERLAG BASEL (SCHWEIZ)

Printed in Switzerland

Fasc. 1	(15. 1. 78)	pag.	1- 142
Fasc. 2	(15. 2. 78)	pag.	143- 276
Fasc. 3	(15. 3. 78)	pag.	277- 418
Fasc. 4	(15. 4. 78)	pag.	419- 552
Fasc. 5	(15. 5. 78)	pag.	553- 678
Fasc. 6	(15. 6. 78)	pag.	679- 822
Fasc. 7	(15. 7. 78)	pag.	823- 962
Fasc. 8	(15. 8. 78)	pag.	963-1104
Fasc. 9	(15. 9. 78)	pag.	1105-1246
Fasc. 10	(15. 10. 78)	pag.	1247-1390
Fasc. 11	(15. 11. 78)	pag.	1391-1530
Fasc. 12	(15. 12. 78)	pag.	1531-1672

TABLE DES DISCIPLINES - FACHREGISTER - INDICE ALFABETICO PER
MATERIE - CLASSIFIED INDEX OF SUBJECT-MATTER
УКАЗАТЕЛЬ ПО ОБЛАСТЯМ

Generalia

- Battersby, Alan R.: The discovery of nature's biosynthetic pathways, 1.
- Dieterlen-Lièvre, Françoise: Yolk sac erythropoiesis, 284.
- Duncan, C.J.: Role of intracellular calcium in promoting muscle damage: a strategy for controlling the dystrophic condition, 1531.
- Ekström, Jörgen: Acetylcholine synthesis and its dependence on nervous activity, 1247.
- Frey, Rudolf, and Abdulla, Walied: Acupuncture: Its neurophysiological basis. An anaesthetist's foreword, 963.
- Hogan, P.M., and Kallen, F.C.: Autorhythmic contractions of bat wing veins: Functional correlates between central and peripheral vascular pacemaker activity, 1422.
- Holtzer, H., Okayama, M., Biehl, J., and Holtzer, S.: Chondrogenesis in chick limb buds and somites, 281.
- Kallen, F.C.: Overview of circulation in the wing membrane, 1398.
- Lane, H.C.: Histology of the vascular wall and its innervation (bat wing), 1403.
- Lee, H., and Kalmus, G.W.: The differential susceptibility of early chick embryos to 5-bromodeoxyuridine, 278.
- Mayer, H., Bollag, W., Hänni, R., and Rüegg, R.: Retinoids, a new class of compounds with prophylactic and therapeutic activities in oncology and dermatology, 1105.
- Messier, Paul-Emil: Microtubules, interkinetic nuclear migration and neurulation, 289.
- Mislin, H.: The active venous pulse in the wing circulation of bats (Chiroptera). A contribution to comparative angiology. Introduction, 1391.
- Nicoll, P.A.: Phasic activities in venular muscles of the bat wing, 1418.
- Peristiany, J.G., Huggel, H., and Bisetti, M.-L.: Functional characteristics and physical limitations of the active venous pulse in the bat wing: The effects of pressure and temperature, 1400.
- Peristiany, J.G., Huggel, H., and Bisetti, M.-L.: Interaction of Ca and K ions in governing spontaneous electrical and mechanical activity of bat wing veins, 1415.
- Schipp, R.: Morphological specializations: Ultrastructural (bat wing), 1410.
- Watts, R.W.E.: Progress in screening for inborn errors of metabolism, 143.
- Weidmann, Silvio: Work in progress at the Shanghai Institute of Physiology, Division of Acupuncture, 964.
- Wiedeman, Mary P.: The chemical and pharmacological milieu (bat wing), 1413.
- Wiedeman, Mary P.: Relevance of work on bats to our understanding of the role of active venous vasomotion in the circulatory system, 1421.
- Wolff, Etienne: Early chick embryo genesis. Introduction, 277.

Specialia

Mathematica, Physica

- Cook, N.D.: A unified theory of atomic and nuclear shell structure, 419.
- Halberg, F., Lee, Jung Keun, and Nelson, W.: Time-qualified reference intervals - chronodesms, 713.

Chimica anorganica et physica

- Cook, N.D.: A unified theory of atomic and nuclear shell structure, 419.
- Hass, Bruce S., and Hedges, Richard M.: Energy transfer from the second excited singlet state of spirobifluorene, 320.
- Jones, M.N.: The association between N-acetyl-neuraminic acid and calcium ions in aqueous solution, 685.

Chimica organica

- Arcamone, F., Bernardi, L., Patelli, B., Giardino, P., Di Marco, A., Casazza, A.M., Soranzo, C., and Pratesi, G.: Synthesis and antitumour activity of new daunorubicin and adriamycin analogues, 1255.
- Asakawa, Y., Toyota, M., and Takemoto, T.: New aromatic esters of the liverwort, *Trichocolea tomentella*, 155.
- Asakawa, Y., Toyota, M., and Takemoto, T.: New bibenzyls of the liverwort, *Radula variabilis*, 971.
- Axelsson, S., and Lynhagen, N.: A low cost device for increased analytical capacity in gas chromatography (Pro experimentis), 139.
- Bach, B., Gregson, R.P., Holland, G.S., Quinn, R.J., and Reichelt, J.L.: L-Azetidine-2-carboxylic acid, the antidermatophyte constituent of two marine sponges, 688.
- Battersby, Alan R.: The discovery of nature's biosynthetic pathways, 1.
- Beacco, E., Bianchi, M.L., Minghetti, A., and Spalla, C.: Directed biosynthesis of analogues of ergot peptide alkaloids with *Claviceps purpurea*, 1291.
- Blight, Margaret M., King, C.J., Wadhams, L.J., and Wenham, M.J.: Attraction of *Scolytus scolytus* (F.) to the components of Multilure, the aggregation pheromone of *S. multistriatus* (Marsham) (Coleoptera: Scolytidae), 1119.
- Caccamese, S., and Rinehart, Jr, K.L.: Squalene and other unsaturated hydrocarbons in *Bryocladia cuspidata*, 1129.
- Cafieri, F., De Napoli, I., Iengo, A., and Santacroce, C.: Molliorin-c, a further pyrroloterpe present in the sponge *Cacospongia mollior*, 300.
- Calderon, J.S., Quijano, L., and Rios, T.: Ceralbol, a new sesterterpenic alcohol isolated from insect wax, 421.
- Casinovi, C.G., Grandolini, G., Radics, L., and Rossi, C.: A p-menthane derivative isolated from culture filtrates of *Fusicoccum amygdali*, Del., 298.
- Cimino, G., De Stefano, S., Minale, L., and Trivellone, E.: Furanosquiterpenoids in sponges VI. Further structural studies for spiniferins, sesquiterpenes from *Pleraplysia spinifera*, 1425.
- Clastres, A., Ahond, A., Poupat, C., Potier, P., et Intès, A.: Invertébrés marins du lagon néo-calédonien. I. Étude structurale d'une nouvelle sapogénine extraite d'une holothurie: *Bohadschia vitiensis* Semper, 973.
- Corbett, M.D., and Chipko, Bernadette R.: Synthesis of N-aryl-N-glycolyl hydroxamic acids: Nonmicrosomal metabolites of nitroaromatics, 1125.
- Drewes, Patricia A., Kamp, A.O., and Winkelman, J.W.: Radioimmunoassay of polyacrylamide, 316.
- Elseohly, M.A., Boeren, E.G., and Turner, C.E.: (\pm)-9,10-dihydroxy- $\Delta^6a(10a)$ -tetrahydrocannabinol and (\pm)-8,9-dihydroxy- $\Delta^6a(10a)$ -tetrahydrocannabinol: 2 new cannabinoids from *Cannabis sativa* L., 1127.
- Engels, J., and Reidys, R.: Synthesis and application of the photolabile guanosine 3',5'-phosphoric-o-nitrobenzylester, 14.
- Engen, R.L., and Klemm, W.R.: Large regional and strain differences in rat brain sialic acid and 2-deoxyribose, 368.
- Fanelli, R., Chiabrando, C., Salmona, M., Garattini, S., and Caldera, P.G.: Degradation of 2,3,7,8-tetrachlorodibenzo-p-dioxin in organic solvents by gamma ray irradiation, 1126.
- Foo, L.Y., and Gwyn, S.A.: The identification of norlobarbiol, a new lichen constituent from *Xanthoparmelia scabrosa* (Tayl.) Hale, 970.
- Fuganti, C., Ghiringhelli, D., and Grasselli, P.: On the synthesis of serine and homoserine samples asymmetrically labelled with tritium and deuterium in the hydroxymethylene group, 297.
- Gandhi, P.: Microbiological transformation of biflavone, 15.
- Ghisalberti, E.L., Jefferies, P.R., Lanteri, R., and Matisons, J.: Constituents of propolis, 157.

- Ghosh, A.C., Manmade, A., Bousquet, A., Townsend, J.M., and Demain, A.L.: A convenient thin layer chromatographic method for the detection of cyclochlorotine and simatoxin, toxins from *Penicillium islandicum* Sopp. (Pro experimentis), 819.
- González, A.G., Arteaga, J.M., Fraga, B.M., Hernández, M.G., and Fayos, J.: The structure of jhanilactone, 554.
- Groweiss, A., and Kashman, Y.: A new furanoid fatty acid from the soft corals *Sarcophyton glaucum* and *gemmatum*, 299.
- Hayashi, N., Kuwahara, Y., and Komae, H.: The scent scale substances of male *Pieris* butterflies (*Pieris melete* and *Pieris napi*), 684.
- Higgs, M.D., and Evans, D.A.: Chemical mediators in the oviposition behaviour of the house longhorn beetle, *Hylotrupes bajulus*, 46.
- Imre, Z., and Ersoy, Ö.: Glucoacetyl digoxosid und Glucodigoxosid, neue genuine Glykoside aus den Blättern von *Digitalis schischkini* (Ivan.) Werner, 1254.
- Joshi, B.S., Ravindranath, K.R., and Viswanathan, N.: Structure and stereochemistry of attenuol, a new lignan from *Knema attenuata* (Wall.) Warb., 422.
- Kazlauskas, R., Murphy, P.T., and Wells, R.J.: Two derivatives of farnesylacetone from the brown alga *Cystophora moniliformis*, 156.
- Lightner, D.A., and Park, Y.-T.: Singlet oxygen reactivity of bilirubin and related tetrapyrroles, 555.
- Lyle, R.E., and Lyle, Gloria G.: Comments on the significance of the quasi-valence number for chemical carcinogenesis (Disputandum), 1653.
- Mayer, H., Bollag, W., Hänni, R., and Rüegg, R.: Retinoids, a new class of compounds with prophylactic and therapeutic activities in oncology and dermatology, 1105.
- Paknikar, S.K., Veeravalli, Jaya, and Kirtany, J.K.: Revised structures for iselin and iliensin and the identity of the former with archangelin, 553.
- Polonsky, Judith, Varon, Zoia, Jacquemin, H., and Pettit, G.R.: The isolation and structure of 13,18-dehydroglaucaurubinone, a new antineoplastic quassinoid from *Simarouba amara*, 1122.
- Prestwich, G.D.: Isotrinervi-2 β -ol. Structural isomers in the defense secretions of allopatric populations of the termite *Trinervitermes gratus*, 682.
- Risinger, G.E., Karimian, K., Jungk, St., and Simpson, J.B.: On the biosyntheses of artemisia ketone and bakuchiol, 1121.
- Robertson, L.W., Koh, S.-W., Huff, S.R., Malhotra, R.K., and Ghosh, A.: Microbiological oxidation of the pentyl side chain of cannabinoids, 1020.
- Schlesinger, D.H., Goldstein, G., Scheid, Margrit P., and Bitensky, M.: Chemical synthesis of a hexadecapeptide segment of ubiquitin that activates adenylate cyclase and induces lymphocytes to differentiate, 703.
- Singh, H., Bhutani, K.K., Malhotra, R.K., and Paul, D.: 7a-Aza-B-homo [7a,7-d] tetrazole analogues of progesterone and testosterone, 557.
- Tingle, F.C., and Mitchell, E.R.: Response of *Heliothis virescens* to pheromonal components and an inhibitor in olfactometers, 153.
- van Eijk, G.W., and Roeymans, H.J.: Naphthoquinone derivatives from the fungus *Hendersonula toruloidea*, 1257.
- Veith, H.J., Weiss, J., and Koeniger, N.: A new alarm pheromone (2-decen-1-yl-acetate) isolated from the stings of *Apis dorsata* and *Apis florea* (Hymenoptera: Apidae), 423.
- Weber, J., and Hecker, E.: Cocarcinogens of the diterpene ester type from *Croton flavens* L. and esophageal cancer in Curaçao, 679.
- Wiemer, D.F., Hicks, K., Meinwald, J., and Eisner, T.: Naphthoquinones in defensive secretion of an opilionid, 969.
- Yardley, J.P., Fletcher III, H., and Russell, P.B.: A potent benzylamine analgesic: (-)-cis-2(α -dimethylamino-m-hydroxybenzyl) cyclohexanol, 1124.
- Biophysics**
- Ajdačić, V., and Veljković, V.: Antibiotic activity of organic compounds and their average quasi-valence number, 633.
- Akasu, T., Ohta, Y., and Koketsu, K.: The effect of adrenaline on the electrogenic Na⁺ pump in cardiac muscle cells, 488.
- Bach, D., Bursuker, I., and Miller, I.R.: Differential scanning calorimetry of rat liver mitochondria, 717.
- Cavatorta, P., Crippa, P.R., and Tosi, A.M.: Isoelectric focusing study of radiation damage to dry conalbumin, 849.
- Chatterjee, T.K., Spadaro, J.A., and Vook, R.W.: Surface model of the collagen fibril as determined by two-stage plastic replica, 1635.
- Clegg, J.S., Zettlemoyer, A.C., and Hsing, H.H.: On the residual water content of dried but viable cells, 734.
- Comunetti, A.M.: Systematic experiments to establish the spatial distribution of physiologically effective stimuli of unidentified nature, 889.
- Constantinou, C.E., Neubarth, J.L., and Mensah-Dwumah, Monica: Frequency gradient in the autorhythmicity of the pyloureteral pacemaker system, 614.
- Flückiger, W., Flückiger-Keller, H., and Oertli, J.J.: Inhibition of the regulatory ability of stomata caused by exhaust gases, 1274.
- Grosso, A., and de Sousa, R.C.: Sidedness of the inhibitory effects of diamide on Na and water transport in amphibian skin, 593.
- Hofeš, V., and Kocourek, J.: The lack of insulin-binding to simple glycosidic receptors, 307.
- Horisberger, M.: Agglutination of erythrocytes using lectin-labeled spacers, 721.
- Ishay, J.S., and Croitoru, N.: Photoelectric properties of the 'yellow strips' of social wasps, 340.
- Keira, T., Godinot, C., and Gautheron, D.C.: Intrinsic fluorescence of mitochondrial F₁-ATPase, 1548.
- Kis, P.: Improved method for preparation of microcrystalline chlorophyll a with *Anacystis nidulans* as a source, 1289.
- Kumar, D.N.: A preliminary report on γ -irradiated protein-dye complexes, 397.
- Lacko, L., Wittke, B., and Lacko, I.: The pH-dependence of glucose transport inhibition by local anesthetics in human erythrocytes, 26.
- Landau, B., Singer, R., Klein, T., and Segenreich, E.: Folic acid levels in blood and seminal plasma of normo- and oligospermic patients prior and following folic acid treatment, 1301.
- Lightner, D.A., and Park, Y.-T.: Singlet oxygen reactivity of bilirubin and related tetrapyrroles, 555.
- Linskens, H.F., and Smeets, P.S.G.M.: Influence of high magnetic fields on meiosis, 42.
- Looze, Y., Vizet, A., Perraudin, J.-P., Depreter, J., Deconinck, M., Schnek, A.-G., and Léonis, J.: Reoxidation of reduced hen egg white lysozyme fragment 1-123, 1017.
- Martino, R., and Zampirolo, P.: A mathematical analysis of the disk-sphere transition of the human red cell, 466.
- Molgo, J.: Voltage-clamp analysis of the sodium and potassium currents in skeletal muscle fibres treated with 4-aminopyridine, 1275.
- Murphy, R.B.: Anomalous stability of insulin at very high pressure, 188.
- Palatini, P., De Kruijff, B., and De Gier, J.: Use of ³¹P NMR to measure pH of membrane-enclosed solutions, 1580.
- Ross, H.A.: A dialysis rate method for the measurement of free iodothyronine and steroid hormones in blood, 538.
- Salzarulo, L.M., Ciesla, M., and Viggiani, E.: A method for the measurement of transmitted and reflected light from the same biological sample (Pro experimentis), 1382.
- Shimonaka, H., Fukushima, H., Kawai, K., Nagao, S., Okano, Y., and Nozawa, Y.: Altered microviscosity of in vivo lipid-manipulated membranes in *Tetrahymena pyriformis*: A fluorescence study, 586.
- Spanjers, A.W.: Voltage variation in *Lilium longiflorum* pistils induced by pollination, 36.
- Suzuki, K.T., and Maitani, T.: Cadmium-113 FT NMR-spectra of rabbit liver metallothioneins, 1449.
- Vasilescu, V., Katona, Eva, Simplăceanu, V., and Demco, D.: Water compartments in the myelinated nerve. III. Pulsed NMR results, 1443.
- Veljković, V., and Ajdačić, V.: Cytostatic activity of organic compounds and their average quasi-valence number, 639.
- Veljković, V., and Lalović, D.I.: Correlation between the carcinogenicity of organic substances and their spectral characteristics, 1342.
- Biologica cellularis et molecularis**
- Acheson, N.H.: Giant polyoma RNAs are tandemly repeated transcripts of the entire polyoma genome, 932.
- Acosta, D., Puckett, Marianne, and McMillin, R.: Ischemic myocardial injury in cultured heart cells: In situ lysosomal damage (Pro experimentis), 1388.
- Adebonojo, F.O.: Lysosomal acid hydrolases of normal adipose tissues of man, monkey and rat, 825.
- Adhikary, P.K., Haynes, J.K., Patthey, H.L., and Rhodes, R.S.: A new antisickling agent: In vitro studies of its effect on S/S erythrocytes and on hemoglobin S, 804.

- Agostini, C.: Effect of sodium octanoate on leucine incorporation into protein of rat liver slices and of Yoshida ascites hepatoma cells, 232.
- Allet, B.: Nucleotide sequences at the ends of phage Mu DNA, 932.
- Arfelli, G., Prodi, G., and Grilli, S.: Removal of 5-bromo-2-deoxyuridine incorporated in liver DNA of newborn and young adult rats, 185.
- Arrigo, A.-P.: 4 *Drosophila* heat shock proteins are associated with chromatin fractions, 932.
- Barde, Y.A., Suda, K., and Thoenen, H.: Nerve growth factor: Correlation between bio- and radioimmunoassay, 932.
- Bassot, J.M., and Nicolas, M.T.: Similar paracrystals of endoplasmic reticulum in the Photomitters and the photoreceptors of scale-worms, 726.
- Bata, Jacqueline, Vallier, Paulette, et Colobert, L.: Mise en évidence d'une activité α -amylasique dans les lysosomes d'*Aspergillus oryzae*, 572.
- Beard, P.: Gel electrophoresis of viral nucleoprotein complexes, 932.
- Beard, P., and Modak, S.P.: Mechanism of action of micrococcal nuclease on SV40 DNA and SV40 chromatin, 932.
- Beçak, Maria Luiza, Mendes Carneiro, Sylvia, and Fukuda, K.: Circles in spermatocyte chromatin loops. Electron microscopy and AgAs-NORs studies, 171.
- Bechtel, E., Salokangas, A., and Eppenberger, U.: Evidence of cAMP-dependent protein kinase translocation to chromatin-binding site, 932.
- Beck, S., and Pliška, V.: The effects of calcium on the depolarized rat uterus, 933.
- Belin, D., Hedgpeth, J., and Epstein, R.H.: A temperature-sensitive mutation in the initiation codon of the rIB gene of phage T4, 933.
- Benathan, M., Lemarchand-Béraud, T., Gautier, A., and Gardiol, D.: Biochemical and ultrastructural study of Gunn rat thyroid, 933.
- Bendayan, M., and Ito, S.: Immunocytochemistry of enzymes in normal and diabetic rat exocrine pancreas, 933.
- Benozzi, M.L., and Basile, R.: Studies on protein composition and synthesis in the ovary of *Rhynchosciara americana* (Diptera, Sciaridae), 177.
- Bhatti, R.A., Ablin, R.J., Guinan, P.D., Totonchi, E., and Zamora, S.: Effect of diethylstilboestrol diposphate on tumour-associated immunity in prostatic cancer. A preliminary report, 1364.
- Bieri-Bonniot, F., and Schürch, A.R.: DNA-polymerases of mouse P815 cells: Subcellular distribution and partial purification, 933.
- Bolivar, I., and Haller, G. de: A protease system associated with the major cell surface glycoprotein of the ciliates *Pseudomicrothorax dubius* and *Paramecium primaurelia*, 934.
- Bonnard, G.D., Schendel, D.J., Maca, R.D., and Herberman, R.B.: Continued in vitro growth of human T-lymphocytes with retention of their function, 934.
- Boseley, P.G., and Birnstiel, M.L.: Mapping of the repetitive regions within the nontranscribed spacer of *Xenopus laevis* rDNA by restriction and DNA-sequencing, 934.
- Bozzoni, I., Melli, M., Spinelli, G., and Arnold, E.: Histone genes in HeLa-cells, 934.
- Bradley, R., and Maisel, H.: Chain-proteins of the vertebrate lens, 470.
- Bretz, U.: Subcellular localization of plasminogen activator in human neutrophils, 934.
- Bromley, P.A., Spahr, P.F., and Darlix, J.L.: Characterization and in vitro translation of Rous Sarcoma virus genomic and virus-specific RNA's, 934.
- Brown, D., and Ilic, V.: Rod-shaped particles in the plasma membrane of the mitochondria-rich (MR) flask cell of amphibian epidermis, 935.
- Buchmüller, Y., and Mauel, J.: Activation of macrophages by soluble factors: II, 935.
- Burckhardt, J.J., Walser, J.T., and Guggenheim, B.: Cell wall of *Actinomyces viscosus* Ny 1: composition and pathogenic role in periodontal disease, 935.
- Bürgisser, E., Eberle, A., and Schwyzler, R.: Specific antibodies against ACTH and α -MSH for radioimmunoassay and for studies of hormone-protein-interactions, 935.
- Bürgisser, E., Haller, H., and Schwyzler, R.: On the determination of optimal conditions for binding studies, 935.
- Burkart, W., Jockusch, H., and Burger, M.M.: The developmental potential in culture of muscle cells homozygous for motor end plate disease, 935.
- Bürki, K., and Sheridan, W.: Expression of mutagen-induced damage to sperm and spermatids during early mouse embryogenesis, 936.
- Bürki, K., Sordat, B., and Odartchenko, N.: Observations on a nu/nu \leftrightarrow +/+ mouse chimaera, 936.
- Buscaglia, M., Bach, R., and Scalenghe, F.: Mass isolation of germinal vesicles and nucleoli from vitellogenic oocytes of *Xenopus laevis*, 936.
- Cailloux, M., Phan, C.T., and Chung, Y.S.: Damage by ozone to the mechanical integrity of the protoplast plasmalemma, 730.
- Cano, J., Roza, C., and Rodríguez-Echandia, E.L.: Effects of selective removal of the salivary glands on taste bud cells in the vallate papilla of the rat, 1290.
- Caravatti, M., Perriard, J.C., and Eppenberger, H.M.: Biosynthesis of creatine kinases in differentiating chicken myogenic cells, 936.
- Cariello, L., De Nicola Giudici, M., Zanetti, L., and Protà, G.: Neobonellin, a new biologically active pigment from *Bonellia viridis*, 1427.
- Carpentier, J.-L., Gorden, P., Freychet, P., Le Cam, A., and Orci, L.: Binding, internalization and lysosomal association of 125 I-insulin in isolated rat hepatocytes, 936.
- Carrascosa, J.L.: In vitro transformation of T4-head-related particles produced by mutants in gene 17, to final T4 capsids, 936.
- Chakrabarty, P.K.: DNA sequence relatedness of some *Neurospora* isolates, 47.
- Chandhary, L.R., Ya. Kon', I., and Pokrovsky, A.A.: Activity of phospholipases A and some lysosomal enzymes in rat testes at different stages of hypervitaminosis A, 991.
- Chaudhuri, R.K.: Effect of ethylene glycol on transcription of *Neurospora crassa* conidial genome, 735.
- Chetty, K.G., Netrawali, M.S., and Pradhan, D.S.: Nucleotide metabolism in the rat liver following whole-body X-irradiation, 32.
- Christopher, J.P., Millar, D.B., and Grafius, Melba A.: On the solvent-extraction of acetylcholine receptor, 689.
- Civelli, O., Vincent, A., and Scherrer, K.: Repressor and inhibitory activities associated with masked globin messenger ribonucleoprotein complex, 936.
- Clegg, J.S., Zettlemoyer, A.C., and Hsing, H.H.: On the residual water content of dried but viable cells, 734.
- Cochran, M.: The site of 25-hydroxycholecalciferol stimulated protein synthesis in the rat kidney, 719.
- Corneo, G.: Satellite DNAs in eukaryotes: a non-adaptive mechanism of speciation which originated with sexual reproduction?, 1141.
- Crippa, M., Achermann, H., and Rungger, D.: rDNA spacer transcripts in normal and cold-treated *Xenopus* cells, 937.
- Curtis, P., Tilghman, S., Tiemeier, D., Leder, P., and Weissmann, C.: The intervening sequence of a mouse β -globin gene is transcribed into the 15 S β -globin mRNA precursor, 937.
- Darlix, J.L., Bromley, P.A., and Spahr, P.F.: The ribosome-binding site on Rous Sarcoma virus RNA for the 'gag' gene translation, 937.
- Das, N.C., and Das, P.B.: Ion-solvent interaction: Viscosity, apparent molar volume and conductivity of univalent electrolytes in dioxane-water mixtures at different temperatures, 976.
- Davis, B.K.: Uterine fluid from progesterone treated rabbits contains subcellular membranes, 350.
- Davis, R.H., Meyers, B.E., Moonka, D.K., Melnicoff, R.H., and Platt, H.A.: The peritoneal fluid cytology of adult female dogs, 184.
- Deak, I.I.: A unifying model to explain segmentation, compartmentalization and regeneration in *Drosophila* development, 937.
- DeFeudis, F.V.: Can the binding of GABA, glycine and β -alanine to synaptic receptors be determined in the presence of a physiological concentration of Na^+ ?, 1314.
- DeFeudis, F.V., Orensanz Muñoz, L.M., Vidal, M.A., Corrochano, G., and Sanchez del Alamo, M.: High-affinity binding of β -alanine to cerebral synaptosomes might involve glycine-receptors, 1169.
- DeLamar, J.F., Monckton, P., Stoye, J., Schumann, G., and Moroni, Ch.: Studies on a possible physiological role for endogenous virus in the immune system, 945.
- Dewald, B., Baggolini, M., Curnutte, J.T., and Babior, B.M.: Membrane association of the superoxide-forming enzyme in human neutrophils, 937.
- Dhaliwal, H.S., and King, P.J.: Culture of haploid and monosomic corn cells, 937.
- Dierks-Ventling, C., Stalder, J., and Ohno, T.: Transcription of the vitellogenin gene from chick liver chromatin in vitro, 938.
- Driel, R. van, and Couture, Evelyn: Bacteriophage T4 head assembly, 938.
- Dübendorfer, A., Blumer, A., and Deák, I.I.: Differentiation in vitro of larval and adult muscles from embryonic cells of *Drosophila*, 938.

- Dumas, M., Schwab, M., and Thoenen, H.: Retrograde axonal transport of macromolecules as a tool to obtain information on membrane properties of nerve terminals, 938.
- Duncan, C.J.: Role of intracellular calcium in promoting muscle damage: a strategy for controlling the dystrophic condition, 1531.
- Durand, J.: Effet du fractionnement de dose sur la survie de bourgeons axillaires et de cellules isolées de liseron irradiés aux rayons gamma, 1073.
- Eberle, A., Schwyzer, R., and Chang, Y.-S.: Biological activity of synthetic dogfish α -MSH, 938.
- Egg, A.H., Kubli, E., and Chen, P.S.: Separation of *Drosophila* tRNA by 2dimensional polyacrylamide gel electrophoresis, 938.
- Ehrlich, K., and Murray, M.: Effect of low density lipoprotein on proteoglycan synthesis by aorta cells in culture, 179.
- Eichenberger-Glinz, S.: Gap junctions and pattern formation in the development of *Drosophila*, 938.
- Engen, R.L., and Klemm, W.R.: Large regional and strain differences in rat brain sialic acid and 2-deoxyribose, 368.
- Erenpreiss, J.G., Zirne, R.A., and Demidenko, O.J.: Electron microscopic observation of nucleosomes in ultrathin sections of heparin-treated nuclei, 882.
- Ermini, M., and Kuenzle, C.C.: The chromatin repeat length of cortical neurons shortens during early postnatal development, 939.
- Fakan, S., Villard, D., and Hughes, M.E.: Ultrastructural visualization of RNA transcription complexes in mouse cells, 939.
- Fankhauser, H., and Brunold, Chr.: Localization of isoenzymes of O-acetyl-L-serine sulphydrylase in *Spinacea oleracea* L., 939.
- Felber, B.K., Ryffel, G.U., and Weber, R.: Estrogen-induced secretion of vitellogenin and accumulation of its mRNA in organ culture of *Xenopus* liver, 939.
- Felix, H., and Felix, D.: The surface morphology of the cat subfornical organ (SFO), 939.
- Feller, U.: Proteolytic enzymes in wheat ears during maturation, 940.
- Finazzi-Agrò, A., Fadda, M.B., Floris, G., Dessi, and Crifò, C.: Selective inactivation of catalase during protoporphyrin-induced photohemolysis of human red blood cells, 181.
- Fitschen, W., and Thompson, P.: A rapid method for the fractionation of avian blood cell nuclei, 475.
- Fraeyman, N.H., De Potter, W.P., and De Schaepestryer, A.F.: Subcellular localization of noradrenaline and ATP in C₁₃₀₀ mouse neuroblastoma, 1210.
- Frank, G., Sidler, W., Widmer, H., and Zuber, H.: The primary structure of C-phycocyanin, 940.
- Frey-Wyssling, A.: Concerning the concept 'organelle' (Terminologica), 547.
- Gabbiani, G., Borgia, R., Chaponnier, C., Rungger, E., and Weil, R.: Cytoskeletal proteins in normal, infected and virus-transformed cells, 940.
- García-Segura, L.M., Martínez-Rodríguez, R., and Martínez-Murillo, R.: Separation of specific fractions of synaptosomes by affinity chromatography, 1598.
- Geiser, M., and Gordon, J.: 2 chromatographically separable forms of *E. coli* protein biosynthesis elongation factor Tu, 940.
- Giorgi, P.P., Trolliet, A., and Van der Loos, H.: The growth of fibres from transplanted eyes in amphibian larvae, 940.
- Goldschmidt-Clermont, M.: Structural gene identification: Blocking the in vitro translation of mRNA by hybridization to cloned DNA, 940.
- Gomez, F., Reymond, M., and Lemarchand, T.: Detection of prolactin receptors: Problems raised by use of radioiodinated hormones, 940.
- Granata, A.L., Vecchi, C., and Corsi, A.: Activity of the reticuloendothelial system following exposure to electric stress and thymectomy, 591.
- Grieder, A., and Maurer, R.: Stimulation of RNA-synthesis in dissociated glia-rich rat brain cultures, 941.
- Grosso, A., and de Sousa, R.C.: Sidedness of the inhibitory effects of diamide on Na and water transport in amphibian skin, 593.
- Hadji-Azimi, I.: Intracytoplasmic immunoglobulin classes in individual *Xenopus* lymphoid cells, 941.
- Hakim, A.A.: Isolation of a growth-stimulating agent from human skin fibroblast cultures, 1515.
- Halberg, F., Lee, Jung Keun, and Nelson, W.: Time-qualified reference intervals - chronodesms, 713.
- Hall, L., Vogt, V., Gubler, U., and Braun, R.: Replication and metabolic stability of ribosomal DNA in *Physarum polycephalum*, 941.
- Hamelin, C., Sarhan, F., and Chung, Y.S.: Induction of deoxyribonucleic acid degradation in *Escherichia coli* by ozone, 1578.
- Hansen, J., and Ord, T.: Effects of 6-hydroxydopamine on rat carotid body chief cells, 1357.
- Harms, C.T., Lörz, H., and Potrykus, I.: Protoplast fusion and enrichment of heterokaryons using an isosmotic density gradient procedure, 941.
- Haselbacher, G., Bosshard, H., Humbel, R., and Thomas, G.: Phosphorylation of ribosomal protein S6 during transition of resting fibroblasts into the cell cycle, 941.
- Heizmann, C.W., Bläuenstein, I.E., and Eppenberger, H.M.: Comparison of the localization of several muscle proteins in relaxed and contracted myofibrils, 38.
- Hemleben, V., Bachmann, K., and Price, H.J.: Ribosomal gene numbers in Microseridinae (Compositae: Cichorieae), 1452.
- Hintermann, R., Schmidlin, S., and Parish, R.W.: The plasma membranes of the cellular slime mold *Polysphondylium pallidum*, 942.
- Hofer, R.M., Schlienger, C., Fakan, J., and Gautier, A.: Modifications induced in plant cell wall ultrastructure by hormonal treatment, 942.
- Hofert, J.F., and Novak, R.A.: A differential effect of L-serine on the incorporation of ³H-deoxycytidine and ³H-thymidine into DNA of rat thymocytes, 40.
- Hollmann, K.H., et Verley, J.M.: Les cellules mammatropes et somatotropes de l'antéhypophyse chez la souris C3H porteuse de tumeur mammaire spontanée. Etude quantitative au microscope électronique, 98.
- Hořejší, V., and Kocourek, J.: The lack of insulin-binding to simple glycosidic receptors, 307.
- Horisberger, M.: Agglutination of erythrocytes using lectin-labeled spacers, 721.
- Horisberger, M., Brambilla, R., and Content, J.: Cell-free system for the coupled transcription and translation of the influenza messenger RNAs, 942.
- Horisberger, M., Farr, D.R., and Vonlanthen, M.: Ultrastructural localization of β -D-galactan in the nuclei of the myxomycete *Physarum polycephalum*, 942.
- Horisberger, M., Rosset, J., and Vonlanthen, M.: Location of lectin receptors on rat hepatocytes by transmission and scanning electron microscopy (Pro experimentis), 274.
- Horisberger, M., and Vonlanthen, M.: Simultaneous localization of a hepatic binding protein specific for galactose and of galactose-containing receptors on rat hepatocytes, 942.
- Hübscher, U., Kuenzle, C.C., and Spadari, S.: DNA-polymerase- γ from rat forebrain cortical nuclei is identical with DNA-polymerase-mt from synaptosomes, 943.
- Iida, S., Meyer, J., and Arber, W.: Involvement of IS1 in the formation of hybrids between phage P1 and the R-plasmid NR1, 943.
- Ineichen, H., Riesen-Willi, U., and Lezzi, M.: Effect of photoperiod on larval development and chromosomal puffing in *Chironomus*, 943.
- Iwata, H., Masukawa, T., Kasamatsu, S., and Komemushi, S.: Stimulation of methemoglobin reduction by selenium: A comparative study with erythrocytes of various animals, 534.
- lynedjian, P.B., and Hanson, R.W.: Characterization of mRNA coding for P-enolpyruvate carboxykinase (GTP), 943.
- Izutsu, K.T., Siegel, I.A., and Smuckler, E.A.: HCO₃⁻-ATPase activity distribution in rat liver cell fractions prepared by zonal centrifugation, 731.
- Jaggi, R., Widmer, H., Weber, R., and Ryffel, G.U.: Enrichment and restriction analysis of the gene coding for vitellogenin in *Xenopus*, 943.
- Janner, Faustina, Vögeli, G., and Fluri, R.: The effect of an antisuppressor on tRNA in the yeast *Schizosaccharomyces pombe*, 943.
- Jazdowska-Zagrodzińska, B., and Matuszewski, B.: Nuclear lamellae in the germ-line cells of gall midges (Cecidomyiidae, Diptera), 777.
- Jenni, B., Graf, L., and Stutz, E.: Mapping of rRNA genes on the circular *Euglena gracilis* chloroplast DNA, 944.
- Jörg, A., Portmann, P., Fellay, G., Dreyer, J.L., and Meyer, J.: A rapid and simple method for the isolation of pure eosinophilic leukocytes from horse blood (Pro experimentis), 1654.
- Kamisaka, K., Hirano, M., and Tsuru, M.: Purification of acidic Z protein from human liver, 1265.
- Karch, François, and Moran, Larry: Sequence studies of heat shock genes from *Drosophila melanogaster*, 944.
- Kataoka, S., Williams, T.H., Sandquist, D., and Sahu, S.K.: Electronmicroscopic identification of type C particles in cultured murine neuroblastoma, 879.
- Keira, T., Godinot, C., and Gautheron, D.C.: Intrinsic fluorescence of mitochondrial F₁-ATPase, 1548.

- Khan, M.A.: Histochemical characterization of the red fibres in pigeon pectoralis muscle, 784.
- King, P.J., Frischknecht, A., and Persy, G.: Induction of cereal cell lines: Role of 2,4-dichlorophenoxyacetic acid, 944.
- Kis, P.: Improved method for preparation of microcrystalline chlorophyll a with *Anacystis nidulans* as a source, 1289.
- Kistler, A.: Inhibition of vitamin A action in rat bone cultures by inhibitors of RNA and protein synthesis, 1159.
- Klemenz, R., and Diggelmann, Heidi: Processing of the glycoprotein precursor of Rous sarcoma virus, a late extracellular event in virus maturation, 944.
- Knopf, U.C.: Molecular cloning of the *E. gracilis* chloroplast genes coding for ribosomal RNA, 944.
- Koblet, H., Wyler, R., and Kohler, U.: Kinetics of interferon action, 1164.
- Kochba, J., and Thomas, E.: Attempts to induce embryogenesis from single isolated callus protoplasts of citrus, 944.
- Koval, T.M.: A simple method for obtaining high plating efficiencies with cultured insect cells (Pro experiments), 674.
- Kressmann, A., Probst, E., Clerc, R., Telford, J., Clarkson, S., and Birnstiel, M.L.: Biological activities of cloned eukaryotic genes inserted into frog oocytes and eggs, 944.
- Kubli, E., Egg, A.H., and Schmidt, Th.: Localization of tRNA^{Asp} genes from *Drosophila melanogaster* by in situ hybridization, 945.
- Kuhn, H., Guggenheim, R., and Baumgartner, H.R.: The inner surface of denuded rabbit aorta exposed to flowing blood: A comparative transmission- and scanning-electron microscopical study, 945.
- Lacko, L., Wittke, B., and Lacko, I.: The pH-dependence of glucose transport inhibition by local anesthetics in human erythrocytes, 26.
- Larsen, B., and Heron, I.: Modification of lymphocyte response to phytohemagglutinin by polycations and polyanions, 1224.
- Leuthard, P., and Bürk, R.R.: Separation of 2 migration factors from tumour cell line, 945.
- Lezana, Esther A., Bianchi, Martha S., and Bianchi, N.O.: Kinetics of division in PHA-stimulated pig lymphocytes, 30.
- Lezzi, M.: Difference in nuclear Na⁺ and K⁺ between 2 developmental stages of *Chironomus tentans*, 945.
- Lichaa, M., Nieser, E., and Weil, R.: Analysis of SV40 T-antigen tryptic peptides by ion exchange column chromatography, 945.
- Lis, Dora, and Monis, B.: Glycosaminoglycans in separated tubules of the guinea-pig and rat kidney medulla, 693.
- Lobo, A., Carr, I., and Malcolm, D.: The EM immunocytochemical demonstration of lysozyme in macrophage giant cells in sarcoidosis, 1088.
- Long, G.L., Cook, J.R., and Ellington, W.R.: Evidence for the nonhydrophobic interaction of aromatic, nitrogen-containing compounds with the coenzyme binding site of a NAD-linked D-lactate dehydrogenase, 567.
- Loosli, H., Gardiol, D., and Gautier, A.: Cytochemistry of pericanalicular ectoplasm in liver of rats following experimental cholestasis induced by phalloidin and Na-taurothiocholate, 946.
- Lörz, H., Harms, C.T., and Potrykus, I.: Solanaceae as 'model plants' in protoplast technology, 946.
- Lutz, H., Ermini, M., and Jenny, E.: Immunological fibre characterization of cross-striated rabbit skeletal muscles, 946.
- Mähr, R., and Perriard, J.C.: RNA-synthesis of isolated *Chironomus* salivary gland nuclei, 946.
- Maisel, H., Lieska, N., and Bradley, R.: Isolation of filaments of the chick lens, 352.
- Malhotra, R.K., Dhingra, S., and Katoch, S.S.: Alkaline phosphatase activity in normal and denervated skeletal muscle, 1206.
- Malnoë, P., Spahr, P.-F., and Rochaix, J.-D.: In vitro synthesis of chloroplast and cytoplasm polypeptides of *Chlamydomonas reinhardtii*, 946.
- Marco, Y., and Rochaix, J.-D.: Organization of the nuclear ribosomal DNA of *Chlamydomonas reinhardtii*, 946.
- Marron, M.T., Goodman, E.M., and Greenebaum, B.: Effects of weak electromagnetic fields on *Physarum polycephalum*: Mitotic delay in heterokaryons and decreased respiration, 589.
- Matter, J.M., Khandjian, E.W., and Weil, R.: Cellular RNA-synthesis in presence of low doses of actinomycin D in SV40 or polyoma infected cells, 947.
- Maurer, A., Bieri, V., and Mühlethaler, K.: Concanavalin-A-Markierung hexagonaler dichtestgepackter Intramembranpartikeln in stationärer Bäckerhefe, 947.
- McMaster, G.K.: Isolation and determination of size distribution of RNA from postmitochondrial fractions of early chick blastoderms, 947.
- Meda, P., Perrelet, A., and Orci, L.: Stimulation of insulin release increases gap junctions in pancreatic islet cells, 947.
- Mekler, P., Marti, D., Kappeler, M., Jaussi, R., Levanon, A., Mantei, E., Schmid, A., and Billeter, M.: Characterization of plasmids containing sequences of bacteriophage Q β , 947.
- Mermoud, J.J., and Crippa, M.: Variations in the amount of polysomes in mature oocytes of *Drosophila melanogaster*, 948.
- Meyer, B., Mähr, R., and Lezzi, M.: Gel electrophoretic characterization of rRNA synthesized in vitro by *Chironomus* salivary glands, 948.
- Meyer, F., Müller, W., Palmieri, M., and Weber, H.: Occurrence of deletions among the progeny of plasmids treated with restriction enzymes, 948.
- Meyer, J., Iida, S., and Arber, W.: Amplification of IS1-mediated Cm-transposons carried by coliphage ϕ 1, 948.
- Mezzanotte, R.: Differential banding induced in polytene chromosomes of *Drosophila melanogaster* stained with acridine orange, 322.
- Milner, M.J., and Haynie, J.L.: Fusion in the eye-antennal discs of *Drosophila melanogaster* during differentiation in vitro, 948.
- Mindek, G., Fritz-Niggli, H., and Storck, H.: Zytogenetische Untersuchungen an der Chinesischen-Hamster-Zelllinie 19/1 nach Kombinationsbehandlung mit 8-MOP und UV-A, 948.
- Mishra, N.K.: Satellite DNA (II) from sea urchin (*Lytechinus variegatus*) sperm, 846.
- Modak, S.P.: 2dimensional electrophoresis of native and denatured DNA from chromatin digests, 949.
- Modak, S.P., Appleby, D.W., and Unger-Ullmann, C.: Digestion in vivo of chromatin from terminally differentiating chick lens fibre cells, 949.
- Modak, S.P., Gonet, C., Unger-Ullmann, C., and Chappuis, M.: Chromatin structure in ageing mouse liver, 949.
- Montandon, P.E., and Acheson, N.H.: Polyoma virus-specific mRNAs on different polysomal fractions of productively-infected mouse cells, 949.
- Moss, T., Boseley, P.G., and Birnstiel, M.L.: A method to facilitate the base sequencing of highly repetitive DNA, 949.
- Müller, F., and Clarkson, S.G.: The sequence of 800 nucleotides of *Xenopus laevis* DNA containing 2 tRNA^{Phe} genes, 950.
- Müller, H.K., Wittek, R., Menna, A., and Wyler, R.: Length heterogeneity in the terminal region of the vaccinia virus genome, 950.
- Nair, C.K.K., and Gopalan, H.N.B.: Association of DNA replication with nuclear membrane in larvae of *Chironomus thummi*, 353.
- Najim, L., and Jalanti, T.: X-ray microanalysis of the wall of a phytopathogenic ascomycete, 950.
- Nakamura, K., and Nakamura, K.: Selective activation of noradrenergic neurons in the brainstem and spinal cord of young spontaneously hypertensive rats, 1042.
- Nandi Majumdar, A.P.: Effect of tryptophan on hepatic nuclear free and engaged RNA-polymerases in young and adult rats, 1258.
- Nath, K., and Bollon, A.P.: Effect of dibutyl cyclic AMP and analogs on the rate of contractions of myocytes in culture, 1282.
- Nimmo, I.A.: The validity of the estimates of the half-saturation concentration and maximum velocity for the efflux of glucose from human erythrocytes in infinite-cis conditions, 1551.
- Nöthiger, R.: Genetic control of somatic sex determination in *Drosophila*, 950.
- Odartchenko, N., Hoang, I., and Dysli, M.: Growth parameters of hemopoietic cells in vitro at the level of whole colonies, 950.
- Odink, K., Fey, G., and Chapuis, Rose Marie: Mouse Ss-protein: Molecular identification and characterization of the antigen, 950.
- Ohno, T., Panyim, S., Schürch, A.R., and Jost, J.P.: Appearance of vitellogenin mRNA in immature chick liver following primary and secondary stimulation by estradiol, 951.
- Olmo, E., and Morescalchi, A.: Genome and cell sizes in frogs: A comparison with salamanders, 44.
- Otten, U., Hatanaka, H., and Thoenen, H.: Ornithine decarboxylase (ODC) induction: A characteristic biochemical response of target cells to nerve growth factor (NGF), 951.
- Oulevey, N., Dicker, J.W., and Turian, G.: Striated inclusions and defective mitochondria in the restricted form of the 'amycelial' mutant of *Neurospora crassa*, 840.
- Panara, F., Ciotto, C., Arangi, I., and Barberini, L.: Acid and alkaline phosphatase heterogeneity in liver, heart and intestine of the adult chick, 983.
- Papeš, Dražena, Jelaska, Sibila, Tomaseo, Marina, and Devidé, Z.: Triploidy in callus culture of *Vicia faba* L. investigated by the Giemsa C-banding technique, 1016.
- Parameswaran, N.: Sieve element plastids in bamboo, 1015.
- Parish, R.W., and Weibel, M.: External ATP, calcium and chemotaxis in the cellular slime mold *Dictyostelium discoideum*, 951.

- Peck, R.K., Maffia, Jacqueline, and Haller, G. de: Structural and chemical differentiation within the epiplasm of the ciliated protozoan *Pseudomicrothorax dubius*, 951.
- Pelloni, G., Wallimann, T., and Eppenberger, H.M.: The M-line of chicken skeletal muscle, 951.
- Perriard, J.-C., and Eppenberger, H.M.: Demonstration of the presence of M-creatine kinase in mammalian myogenic cell lines, 1149.
- Perriard, J.C., Perriard, E.R., and Eppenberger, H.M.: mRNA for creatine kinases in differentiating myogenic cells from chicken, 951.
- Piffaretti, J.CI., and Froment, Y.: Role of the host in the dissociation of the R-plasmid P111, 952.
- Pistoia, V., Ciani, A., Villaggio, B., and Murolo, C.: In vitro studies on lysosomes radiosensitivity in different gaseous atmospheres, 1453.
- Portmann, R., Busslinger, M., and Birnstiel, M.: Analysis of a variant histone DNA clone of the sea urchin, 952.
- Potrykus, I., Harms, C.T., and Lörz, H.: Culture of cereal protoplasts, 952.
- Pugatsch, Thea, and Zuber, H.: Identification of bacterial strains by restriction endonuclease digestion of their DNA, 952.
- Puri, E.C., Turner, D.C., Chiquet, M., and Müller, M.: Fusion and differentiation of chick myogenic cells in suspension, 952.
- Ráliš, Z.A.: Experimental production of local osteomalacia, 1203.
- Regenass, U., and Bernhard, H.P.: Isolation and characterization of cell lines derived from pyrimidine auxotrophic 'rudimentary' mutants of *Drosophila melanogaster*, 952.
- Reinharz, A.C., Pavel, S., and Vallotton, M.B.: Evidence for in vitro release of neurophysin by the rat pineal gland, 1232.
- Remé, Charlotte: Daily rhythm of protein synthesis in rat visual cells, 953.
- Rey-Bellet, V., and Türlér, H.: Localization of polyoma tumor-antigen related polypeptides in subcellular fractions, 953.
- Richter, C., and Conscience, J.-F.: Superoxide dismutase activity in Friend cells and hepatoma cells, 953.
- Rifat, A., and Epstein, R.H.: Isolation of an unstable R¹lac derivative of the antibiotic resistance factor R100-1, 953.
- Rochaix, J.-D., and Malnoe, P.: Gene localization on the chloroplast DNA of *Chlamydomonas*, 953.
- Rossier, C.: Effects of adenosine-3'-phosphorothioate (cAMP-S) on the development of *Dictyostelium discoideum*, 954.
- Rossier, M., Rossier, B., Pfeiffer, J., and Krachenbuhl, J.-P.: Isolation of epithelial cells from the urinary bladder of the toad, 954.
- Roth, Y.-F.: Viral nucleoprotein complex in cells infected by Herpes virus, 954.
- Rungger, D., and Türlér, H.: Early and late viral proteins synthesized in *Xenopus* oocytes injected with SV40 DNA, 954.
- Rungger-Brändle, E., Jamrich, M., and Bautz, E.K.F.: Localization of RNA-polymerase B and histones on the Y-chromosome of *Drosophila hydei*, 954.
- Sabag, N., Castrillón, M.A., and Tchernitchin, A.: Cortisol-induced migration of eosinophil leukocytes to lymphoid organs, 666.
- Salomon, C., Türlér, H., and Spahr, P.F.: In vitro synthesis of polyoma tumor antigens, 954.
- Saxena, Rajendra K., and Sinha, Umakant: Metabolic status of temperature induced swollen conidia of *Aspergillus nidulans*, 43.
- Schiefer, H.-G., Krauss, H., Schummer, U., Brunner, H., and Gerhardt, U.: Cytochemical localization of surface carbohydrates on mycoplasma membranes, 1011.
- Schindler, H., and Rosenbusch, J.P.: Membrane channel formation by the matrix protein from *E. coli*, 956.
- Schlegel, W.: Target size analysis of adenylate cyclase, 956.
- Schlesinger, D.H., Goldstein, G., Scheid, Margrit P., and Bitensky, M.: Chemical synthesis of a hexadecapeptide segment of ubiquitin that activates adenylate cyclase and induces lymphocytes to differentiate, 703.
- Schmidt, Th., and Kubli, E.: Localization of tRNA^{Glu} genes from *Drosophila melanogaster* by in situ hybridization, 956.
- Schneider, R., Schwyzler, M., and Weil, R.: Peptide mapping of large and small SV40 T-antigens, 956.
- Schnyder, J., Dewald, B., Baggiolini, M., and Laug, W.E.: Subcellular distribution of plasminogen activator in human fibrosarcoma cells, 956.
- Schoch, P., Sargent, D.F., and Schwyzler, R.: Energy barriers and surface potentials of asymmetric lipid bilayers, 956.
- Schulze, H.-U., and Pop, Liliane: Fusion of microsomal vesicles, 338.
- Schümperli, D., Loepfe, E., Peterhans, E., and Wyler, R.: Rabbit poxvirus stimulates 2-deoxy-D-glucose uptake by HeLa cells, 957.
- Schürch, A.R., and Jost, J.P.: Interconversion of 2 forms of AMV reverse transcriptase separated by poly(rC)-CL-sepharose, 957.
- Schürch-Rathgeb, Y., and Monard, D.: Evidence for an in vitro differentiation of glial factor producing cells in rat brain primary cultures, 957.
- Schwab, M.E., and Thoenen, H.: Tetanus toxin (TT) coupled to colloidal gold: EM evidence for selective binding and uptake by nerve terminals and retrograde axonal transport, 957.
- Seebeck, T., Stalder, J., and Braun, R.: Isolation of a minichromosome containing the ribosomal genes from *Physarum polycephalum*, 955.
- Seigneux, M. de, Duborgel, Françoise, and Haller, G. de: Study of serotype transformation in *Paramecium primaurelia*, 955.
- Seiler, J.P.: The mutagenic mode of action of benzimidazole, 851.
- Selman, A., and de la Torre, C.: Narciclasine, an inhibitor of protein synthesis. Action on *Allium cepa* L. root meristems, 1455.
- Sevdalian, D.A., and Zielke, H.R.: Depletion of cellular glycogen during the early logarithmic growth phase of human fibroblasts, 843.
- Severs, N.J., and Jordan, E.G.: Nuclear pores. Can they expand and contract to regulate nucleocytoplasmic exchange?, 1007.
- Silberbauer, K., Sinzinger, H., Winter, Maya, Feigl, W., and Ring, F.: Prostacyclin-like activity of endothelium and subendothelium - important for atherosclerosis?, 1471.
- Skandhan, K.P., Skandhan, S., and Mehta, Y.B.: Semen electrolytes in normal and infertile subjects, II. Zinc, 1476.
- Smiley, M., Maret, R., and Fryder, V.: Proteolytic activity, lactic acid production, N-acetyl-D-glucosamine fermentation and plasmids in *Lactobacillus helveticus* subsp. *jugurti*, 955.
- Sosa, A., Gonzales-Angulo, A., Calzada, L., and Alva, S.: Presence of ATPase on the vesicular membrane of *Cysticercus cellulosae*. A high resolution cytochemical study, 175.
- Spinelli, G., Melli, M., Arnold, E., and Birnstiel, M.: Synthesis of histone messenger RNA during embryonic development of the sea urchin *Paracentrotus lividus*, 955.
- Stalder, J., Seebeck, T., and Braun, R.: Degradation of ribosomal genes by nucleases in *Physarum polycephalum*, 957.
- Stettler, U., Weber, H., Koller, Th., and Weissmann, C.: A novel conformation of duplex DNA: form IV, 957.
- Steven, A.C., and Carrascosa, J.L.: Relationship of cleavage with structural transformation in giant T4 capsids, 958.
- Stocker, M., and Bürk, R.R.: Migration and morphological changes induced in normal cells treated with purified extracts of conditioned medium from a transformed cell line, 958.
- Strauss, A., Frischknecht, A., and King, P.J.: Selective killing of dividing plant cells in culture using nucleoside analogs, 958.
- Suard, Y., Aubert, M., and Krachenbuhl, J.P.: Prolactin receptors on dispersed cells from rabbit mammary gland, 955.
- Subbarao, M.N., Netrawali, M.S., and Pradhan, D.S.: RNA polymerisation capacity and permeability to ribonucleoside triphosphates of nuclei from livers of whole-body X-irradiated rats, 1279.
- Sudár, F., and Csaba, G.: Scanning-autoradiography - a new method for the demonstration of membrane-surface-associated structures (Pro experimentis), 416.
- Süss, U., and Pliška, V.: Denervation of the posterior pituitary by implantation under the kidney capsule, 955.
- Świerczyński, J., and Makarewicz, W.: Glutaminase activity in rat skeletal muscle mitochondria, 165.
- Taban, C.H., and Cathieni, M.: Stimulation of hydra head regeneration by Substance P, 958.
- Tadkowski, T.M., and Jones, J.C.: Endogenous synthesis of lipid yolk in mosquito oocytes, 627.
- Tal, E., and Friedman, S.: Correlation between 3',5',c-AMP levels and thyrotropin in separated rat pituitary thyrotropic cells, 1286.
- Tartakoff, A.M., and Ruegg, U.: Macromolecular 35S-labeled secretion product of murine macrophages, 958.
- Taylor, D.P., and Newburgh, R.W.: Ionic effects on cyclic nucleotide accumulation in a phytophagous insect, 695.
- Thoma, F., and Koller, Th.: The ionic strength dependence of chromatin folding, 958.
- Thomas, E., Kochba, J., and Wernicke, W.: Problems in plant regeneration from cultured cells of crop plants, 959.
- Thomas, R.J., Feller, U., and Erismann, K.H.: Composition of xylem sap and leaf nitrate reductase activity in beans, 959.
- Thomson, A.W., Pugh-Humphreys, R.G.P., Tweedie, D.J., and Horne, C.H.W.: Effects of the antiprotease Trasylol® on peripheral blood leucocytes, 528.
- Trifaró, J.M., Ulpian, C., and Preiksaitis, H.: Anti-myosin stains chromaffin cells, 1568.
- Turian, G.: The 'Spitzenkörper', centre of the reducing power in the growing hyphal apices of two septomycetous fungi, 1277.

- Türler, H., and Salomon, C.: Modification of polyoma tumor antigen during lytic infection, 959.
- Tuyns, A., and Melli, M.: Characterization of histone mRNA and histone genes in mouse, 959.
- Unger-Ullmann, C., and Modak, S.P.: Histones in ageing mouse liver, 959.
- Unger-Ullmann, C., and Modak, S.P.: Histones in lens epithelium, lens fibres, liver, brain and erythrocytes from chick embryos, 960.
- Unsicker, K., and Gröschel-Stewart, U.: Distribution of contractile proteins and adrenergic nerves in the adrenal gland of guinea-pig, rat and ox as revealed by immunofluorescence and the glyoxylic acid technique, 102.
- Véghelyi, P.V., and Osztovcics, Magda: The alcohol syndromes: The intrarecombinogenic effect of acetaldehyde, 195.
- Vernay, M., Cornic, M., Aubery, M., and Bourrillon, R.: Relationship between regeneration of cell surface glycoproteins in trypsin-treated chick embryo fibroblasts and cell adhesion to the substratum, 736.
- Ververgaert, P.H.J.Th., and Verkley, A.J.: A view on intramembraneous particles, 454.
- von der Helm, K., Rungger, D., Wille, W., and Willecke, K.: Rous sarcoma viral protein p15 induces intracellular processing of viral precursor pr76, 942.
- Vonlanthen, M., Horisberger, M., and Rosset, J.: Localization of α -galactomannan in the yeast *Schizosaccharomyces pombe*, 960.
- Wächter, D., Kreis, T., and Cogoli, A.: Characterization of RNA synthesized by nuclei isolated from concanavalin-A-stimulated lymphocytes, 960.
- Walt, H., and Kistler, G.S.: Heterogeneity of the epithelium at the bifurcations of the tracheo-bronchial tree: A scanning- and transmission electron microscopical study in *Macaca fascicularis*, 960.
- Waser, J., Hübscher, U., and Kuenzle, C.C.: Purification and characterization of DNA-polymerase- β from rat forebrain cortical neurons, 960.
- Weaving, J.N., and Cullen, M.J.: Unusual high volume of sarcoplasmic reticulum in a wasp leg muscle, 796.
- Weber, H., Müller, W., Meyer, F., and Weissmann, C.: Site-directed mutagenesis in the β -globin DNA insert of plasmid P β G, 960.
- Wernicke, W., and Thomas, E.: Haploid production via anther and microscope culture, 961.
- Weston, G.D., Farrimond, J.A., and Elliott, M.C.: The effects of 2,4-dichloro-phenoxy-acetic acid, indol-3-yl-acetic acid and kinetin on the activity of auxin-destroying enzymes of Sycamore cell suspension cultures, 468.
- Weyman, N. v., and Müller, H.J.: Nuclear development of growing murine oocytes in vitro, 961.
- Widmer, R., Krüsi, S., and Parish, R.W.: Endogenous in vitro protein phosphorylation in nuclei isolated from differentiating *Dictyostelium discoideum* cells, 961.
- Wikberg, J.E.S., and Andersson, R.G.G.: A promoting action of cyclic GMP on contractions of guinea-pig vas deferens, 737.
- Wiseman, L.L., and Hammond, W.R.: Cell surface proteolytic activity of suspended embryonic cells isolated with and without proteolytic enzyme, 462.
- Wittek, R., Menna, A., Boseley, P., and Wyler, R.: Terminal repetition in rabbitpox virus DNA, 961.
- Wuhrmann, P.: Does the K⁺-activity measured by microelectrodes in salivary gland nuclei of *Chironomus* change during development?, 961.
- Wünschmann-Henderson, Barbara, and Astrup, T.: Inhibition of plasminogen activator production in organ cultures by cycloheximide, 1288.
- Wyss, C., and Eppenberger, H.: Morphological and proliferative response of Schneider's *Drosophila* cell line 3 to ecdysterone, 961.
- Zimmermann, J.M., and Piffaretti, J.-Cl.: Quantitative studies of [¹²⁵I]-tetanus toxin binding in neuroblastoma cells in tissue culture, 962.
- Zwahlen, R., Hauser, R.E., Richardson, B.P., and Donatsch, P.: Influence of cyproheptadine on the elimination of myeloid bodies from cultured rat pancreatic islets, 962.
- Beçak, Maria Luiza, Mendes Carneiro, Sylvia, and Fukuda, K.: Circles in spermatocyte chromatin loops. Electron microscopy and AgAs-NORs studies, 171.
- Benova, D., and Baev, I.: Protection of the mouse from genetic radiation damage by an optimal-dose-ratio combination of ATP, AET, and serotonin, 876.
- Berthold, P.: Endogenous control as a possible basis for varying migratory habits in different bird populations, 1451.
- Biémont, C., and Bouletreau-Merle, J.: Inbreeding effect: Embryonic development and fecundity of *Drosophila melanogaster* offspring, 1273.
- Bonhomme, F., Martin, S., et Thaler, L.: Hybridation en laboratoire de *Mus musculus* L. et *Mus spretus* Lataste, 1140.
- Britton-Davidian, J., Ruiz Bustos, A., Thaler, L., and Topal, M.: Lactate dehydrogenase polymorphism in *Mus musculus* L. and *Mus spretus* Lataste, 1144.
- Bucci-Innocenti, Stefania, Lascialfari, Donella, Ragghianti, Matilde, and Mancino, G.: The karyotypes of the Corsican and Sardinian mountain salamanders, *Euproctus montanus* and *E. platycephalus* (Urodela: Salamandridae), 1002.
- Bykova, G.V., Vasilyeva, I.A., and Gileva, E.A.: Chromosomal and morphological diversity in 2 populations of Asian mountain vole, *Alticola lemmings* Miller (Rodentia, Cricetidae), 1146.
- Cataudella, S., Sola, Luciana, and Capanna, E.: Remarks on the karyotype of the Polypteriformes. The chromosomes of *Polypterus delhezi*, *P. endlicheri congensis* and *P. palmis*, 999.
- Chabora, P.C., and Kessler, M.E.: Larval necrophagy and photopigment phenocopying in *Musca domestica* (L.), 836.
- Chakrabarti, S., and Chakrabarti, A.: Stable and transmissible dicentric chromosome with terminal centromeres in ascites cells of mouse sarcoma 180, 1271.
- Corneo, G.: Satellite DNAs in eukaryotes: a non-adaptive mechanism of speciation which originated with sexual reproduction?, 1141.
- Diaz de la Guardia, R., and Pretel, A.: Karyotype and centric dissociation in water vole *Arvicola sapidus* spp. *sapidus* Miller 1908 (Rodentia, Muridae), 706.
- El Shatoury, H.: Genetic control of dormancy in the potato cyst-nematode, 448.
- Estilai, A.: Variability in saffron (*Crocus sativus* L.), 725.
- Fontana, F., and Amorelli, M.: Chromosomal translocations in 2 Italian populations of *Reticulitermes lucifugus* (Rossi) (Insecta, Isoptera: Rhinotermitidae), 708.
- García-Olmedo, F., Carbonero, P., Aragoncillo, C., and Salcedo, G.: Loss of redundant gene expression after polyploidization in plants, 332.
- Hála, K., Vilhelmová, Miloslava, Schulmanová, Jana, and Sainerová, Hana: A spontaneous chicken chimera, 1556.
- Hellack, J.J., Thompson, Jr, J.N., Woodruff, R.C., and Hisey, B.N.: Male recombination and mosaics induced in *Drosophila melanogaster* by feeding, 447.
- Islam, A.S., Njoroge, K., and Irudayanathan, A.: Random chromosome breakage by colchicine in *Viscum fischeri* (Loranthaceae), 328.
- Jain, S.K.: Inheritance of phenotypic plasticity in soft chess, *Bromus mollis* L. (Gramineae), 835.
- Kawa, A., Nakazawa, M., Kono, Y., Sakaguchi, S., Nakamura, S., and Kanehisa, T.: HLA BW54 and B5 in Japanese diabetics with juvenile-onset and insulin-dependency (with special reference to the family history), 669.
- Kędziora, J., Witas, H., Bartosz, G., Leyko, W., Jeske, J., and Rożynkowska, D.: Down syndrome - transferrin parallels plasma iron changes, 712.
- Kelly, Sally, and Schedlbauer, L.: Glutathione peroxidase in dried blood spots, 1560.
- Khan, M. Iqbal: Lysine estimation with the modified Udy-dye binding method in hexaploid wheat, 711.
- Kornfield, I.L.: Evidence for rapid speciation in African cichlid fishes, 335.
- Lang, R.: Mammalian spot test with moxnidazole, a 5-nitroimidazole, 500.
- Lezana, Esther A., Bianchi, Martha S., and Bianchi, N.O.: Kinetics of division in PHA-stimulated pig lymphocytes, 30.
- Marks, H.L.: Possible relationship between packed sperm volume and egg mass in domestic fowl, 443.
- Mezzanotte, R.: Differential banding induced in polytene chromosomes of *Drosophila melanogaster* stained with acridine orange, 322.
- Nevo, E., Shimony, T., and Libni, M.: Pollution selection of allozyme polymorphisms in barnacles, 1562.

Genetica

- Bachmann, K., Konrad, A., Oeldorf, E., and Hemmer, H.: Genome size in the green toad (*Bufo viridis*) group, 331.
- Beacco, E., Bianchi, M.L., Minghetti, A., and Spalla, C.: Directed biosynthesis of analogues of ergot peptide alkaloids with *Claviceps purpurea*, 1291.

- Ochando, Dolores: Genetic variation in natural populations: Morphological traits in *Drosophila melanogaster*, 833.
- Ouazana, R.: A morphological temperature-sensitive mutant of the nematode *Caenorhabditis elegans* var. Bergerac, 170.
- Oulevey, N., Dicker, J.W., and Turian, G.: Striated inclusions and defective mitochondria in the restricted form of the 'amyelial' mutant of *Neurospora crassa*, 840.
- Padhy, R.N., and Singh, P.K.: Reversion of virus N-1 resistant mutant of blue-green alga *Nostoc muscorum*, 1565.
- Papeš, Dražena, Jelaska, Sibila, Tomaseo, Marina, and Devidé, Z.: Triploidy in callus culture of *Vicia faba* L. investigated by the Giemsa C-banding technique, 1016.
- Pasteur, G., Pasteur, N., and Orsini, J.-P.G.: On genetic variability in a population of the widespread gecko *Hemidactylus brooki*, 1557.
- Pasteur, Nicole, and Sinégre, G.: Chlorpyrifos (Dursban®) resistance in *Culex pipiens pipiens* L. from Southern France: Inheritance and linkage, 709.
- Periquet, G.: Influence du rang de ponte dans la transmission du caractère atrophie gonadique chez *Drosophila melanogaster*, 1438.
- Pijnacker, L.P., and Ferwerda, M.A.: Additional chromosome duplication in female meiotic prophase of *Sipylodea sipylus* Westwood (Insecta, Phasmida), and its absence in male meiosis, 1558.
- Pretel, M.A., and Diaz de la Guardia, G.R.: Chromosomal polymorphism caused by supernumerary chromosomes in *Rattus rattus* ssp. *frugivorus* (Rafinesque, 1814) (Rodentia, Muridae), 325.
- Proctor-Bowen, F.: Combination of two techniques: Amniocentesis and nervous tissue explants. A pilot investigation, 1143.
- Pyle, D.W., and Gromko, M.H.: Repeated mating by female *Drosophila melanogaster*: The adaptive importance, 449.
- Rishi, S., and Rishi, K.K.: Occurrence of monocentric chromosomes in *Pieris brassicae* L. (Lepidoptera, Pieridae), 451.
- Saxena, Rajendra K., and Sinha, Umakant: Metabolic status of temperature induced swollen conidia of *Aspergillus nidulans*, 43.
- Schwab, M., Haas, J., Abdo, S., Ahuja, M.R., Kollinger, G., Anders, A., and Anders, F.: Genetic basis of susceptibility for development of neoplasms following treatment with N-methyl-N-nitrosourea (MNU) or X-rays in the platyfish/swordtail system, 780.
- Segawa, M., and Kondo, K.: Effects of vinblastine on meristematic cells of *Allium cepa*, I, 996.
- Singh, M.P., and Kalia, C.S.: LSD induced chlorophyll mutations in barley, 1437.
- Soliman, M.H., and Hay, D.A.: Interaction of genotype and learning in the food preference of the flour beetle, *Tribolium castaneum*, 329.
- Stort, A.C., and Soares, A.E.: Occurrence of a new type of mosaicism in *Apis mellifera*, 31.
- Takenouchi, Y.: A chromosome study of the parthenogenetic rice water weevil, *Lissorhoptrus oryzophilus* Kuschel (Coleoptera: Curculionidae), in Japan, 444.
- Terasmaa, T.: Supercontraction of conifer chromosomes under the action of alkylating nitrosocompounds (Pro experimentis), 1381.
- Thomas, Ch., and Prasad, R.S.: Chromosome variations in *Xenopsylla astia* Rothschild, 1911 (Siphonaptera). A preliminary report, 1440.
- Van der Weyden, M.B., Bailey, L., and Garson, O.M.: Human adenosine deaminase and chromosome 20, 531.
- Van Went, G.F.: Mutagenicity testing of 3 hallucinogens: LSD, psilocybin and Δ^9 -THC, using the micronucleus test, 324.
- Véghelyi, P.V., and Osztovcics, Magda: The alcohol syndromes: The intrarecombinogenic effect of acetaldehyde, 195.
- Watts, R.W.E.: Progress in screening for inborn errors of metabolism, 143.
- Weiler, J., and Sachsse, W.: Aneuploidy as a consequence of senescence and ovariectomy in the golden hamster (*Mesocricetus auratus*), 334.
- Yannopoulos, G.: Progressive resistance against the male recombination factor 31.1 MRF acquired by *Drosophila melanogaster*, 1000.
- Botanica**
- Bata, Jacqueline, Vallier, Paulette, et Colobert, L.: Mise en évidence d'une activité α -amylasique dans les lysosomes d'*Aspergillus oryzae*, 572.
- Beacco, E., Bianchi, M.L. Minghetti, A., and Spalla, C.: Directed biosynthesis of analogues of ergot peptide alkaloids with *Claviceps purpurea*, 1291.
- Botton, B.: Quelques aspects de la croissance rhizomorphe chez le *Sphaerostilbe repens*, 1005.
- Boutry, J.-L., et Bordes, M.: Sur une méthode de récolte de diatomées vivantes après culture (Pro experimentis), 415.
- Bürcky, K., Gemmrich, A., and Schraudolph, H.: Gas chromatographic evidence of the antheridiogen of *Lygodium japonicum* (A_{LY}) (Schizaceae), 718.
- Estilai, A.: Variability in saffron (*Crocus sativus* L.), 725.
- Flückiger, W., Flückiger-Keller, H., and Oertli, J.J.: Inhibition of the regulatory ability of stomata caused by exhaust gases, 1274.
- Ghemawat, M.S., and Gena, C.B.: Occurrence of foliar leaves on long shoots of *pinus*, 1168.
- Ghosal, S., Banerjee-Chakrabarti, S., Chakrabarti, D.K., and Basu-Chaudhary, K.C.: Toxic substances produced by *Fusarium* VI. Anti-*F. oxysporum* f. sp. *carthami* effect of 2,2',4-trihydroxybenzophenone, 229.
- Ghosh, S.S., and Davis, T.A.: Foliar spirality and aestivation of flowers in *Hibiscus cannabinus* Linn., 348.
- Kathju, S., Lahiri, A.N., and Shankarnarayan, K.A.: Influence of seed size and composition on the dry matter yield of *Cenchrus ciliaris*, 848.
- Khanna, K.K., and Chandra, S.: A homoeopathic drug controls mango fruit rot caused by *Pestalotia mangiferae* Henn., 1167.
- Macka, W., Wihlidal, H., Stehlik, G., Washüttl, J., and Bancher, E.: Metabolic studies of Hg-203 on *Chlamydomonas reinhardtii*, 602.
- Marković, O.: Pectinesterase from carrot (*Daucus carota* L.), 561.
- Misra, S.B., and Dixit, S.N.: Antifungal properties of leaf extract of *Ranunculus sceleratus* L., 1442.
- Papeš, Dražena, Jelaska, Sibila, Tomaseo, Marina, and Devidé, Z.: Triploidy in callus culture of *Vicia faba* L. investigated by the Giemsa C-banding technique, 1016.
- Parameswaran, N.: Sieve element plastids in bamboo, 1015.
- Qureshi, M.A., and Mayee, C.D.: Biological relationship of cucumis virus-3 and powdery mildew fungus in bottle gourd, 336.
- Rai, V.K., Joshi, R.P., and Banyal, S.: 'Boost' in gibberellin response by water-stress in seedling growth, 1148.
- Rasi-Caldogno, F., Cerana, R., and Pugliarello, M.C.: Effects of anaerobiosis on auxin- and fusococcin-induced growth and ion transport, 841.
- Saxena, Rajendra K., and Sinha, Umakant: Metabolic status of temperature induced swollen conidia of *Aspergillus nidulans*, 43.
- Selman, A., and de la Torre, C.: Narciclasine, an inhibitor of protein synthesis. Action on *Allium cepa* L. root meristems, 1455.
- Sen, S.: The level of action of 2,4-D on transcription, 724.
- Spanjers, A.W.: Voltage variation in *Lilium longiflorum* pistils induced by pollination, 36.
- Tripathi, R.D., Srivastava, H.S., and Dixit, S.N.: A fungitoxic principle from the leaves of *Lawsonia inermis* Lam., 51.
- Umamoto, K.: Chemical composition and distribution pattern of crystalline inorganic components in Japanese gymnosperms, 600.
- Warren, G.S., and Fowler, M.W.: Cell number and cell doubling times during the development of carrot embryoids in suspension culture, 356.
- Weber, J., and Hecker, E.: Cocarcinogens of the diterpene ester type from *Croton flavens* L. and esophageal cancer in Curaçao, 679.
- Weston, G.D., Farrimond, J.A., and Elliott, M.C.: The effects of 2,4-dichloro-phenoxy-acetic acid, indol-3yl-acetic acid and kinetin on the activity of auxin-destroying enzymes of Sycamore cell suspension cultures, 468.
- Zoologica**
- Agrawal, O.P., and Bahadur, J.: Role of salivary glands in the maintenance of midgut amylase activity in *Periplaneta americana* L., 1552.
- Amos, T.G., Williams, P., and Semple, R.L.: Sterilising activity of methoprene and hydroprene in *Tribolium castaneum* (Herbst), 469.
- Anderson, M.: Spirally arranged muscles associated with tracheoles in tsetse fly flight muscles; their possible involvement in sound production, 587.
- Baker, P.C., Hoff, K.M., and Buda, R.E.: Exogenous melatonin and melanophore development in *Xenopus*, 1521.
- Barrer, P.M., and Hill, R.J.: The acceptance response of *Ephesia cautella* (Walker) (Lepidoptera: Phycitidae) females, obtained in the absence of courting males, 343.
- Bernstein, Ruth A.: Slavery in the subfamily Dolichoderinae (F. Formicidae) and its ecological consequences, 1281.

- Berthold, P.: Endogenous control as a possible basis for varying migratory habits in different bird populations, 1451.
- Block, W., Young, S.R., Conradi-Larsen, E.M., and Somme, L.: Cold tolerance of two Antarctic terrestrial arthropods, 1166.
- Böhl, P.: Über die Beteiligung von Hauptstückepithel am parietalen Blatt im corpusculum renale bei der Maus (*Mus musculus*), 1351.
- Bonina, M.T., Di Natale, A., Minniti, F., and Ricca, M.B.: Differences of the nucleolus in 2 species of *Amyclina* (Moll. Gast.), 1284.
- Broertjes, J.J.S., and Posthuma, G.: Direct visualization of the haemal system in starfish by a staining procedure (Pro experimentis), 1243.
- Burns, J.T., and Meier, A.H.: Profound hypothermia in golden hamsters (*Mesocricetus auratus*) induced by serotonergic potentiating and noradrenergic inhibiting drugs, 607.
- Burton, D.: The estimation of melanophore responses in a pleurocentric fish (Pro experimentis), 140.
- Bykova, G.V., Vasilyeva, I.A., and Gileva, E.A.: Chromosomal and morphological diversity in 2 populations of Asian mountain vole, *Alticola lemmingus* Miller (Rodentia, Cricetidae), 1146.
- Cataudella, S., Sola, Luciana, and Capanna, E.: Remarks on the karyotype of the Polypteriformes. The chromosomes of *Polypterus delhezi*, *P. endlicheri conigicus* and *P. palmatus*, 999.
- Chakrabarti, S., and Chakrabarti, A.: Stable and transmissible dicentric chromosome with terminal centromeres in ascites cells of mouse sarcoma 180, 1271.
- Clegg, J.S., Zetlemoyer, A.C., and Hsing, H.H.: On the residual water content of dried but viable cells, 734.
- Colonna Cuffaro, F.: Environmental and racial influences on the masticatory apparatus of mediterranean and atlantic populations of *Ophryotrocha labronica* (Annelida, Polychaeta), 1565.
- Davis, R.H., Meyers, B.E., Moonka, D.K., Melincoff, R.H., and Platt, H.A.: The peritoneal fluid cytology of adult female dogs, 184.
- Delbecq, J.P., Diehl, P.A., and O'Connor, J.D.: Presence of ecdysone and ecdysterone in the tick *Amblyomma hebraeum* Koch, 1379.
- Dickens, J.C., and Payne, T.L.: Olfactory-induced muscle potentials in *Dendroctonus frontalis*: Effects of trans-verbenol and verbenone, 463.
- Engen, R.L., and Klemm, W.R.: Large regional and strain differences in rat brain sialic acid and 2-deoxyribose, 368.
- Fankboner, P.V.: Self-suturing by a synaptid sea cucumber (Holothuroidea: Echinodermata), 729.
- Fankboner, P.V., and Reid, R.G.B.: Protein digestion in the sea gooseberry *Pleurobranchia bachei* A. Agassiz (Ctenophora: Tentaculata), 728.
- Fischberg, M., and Kobel, H.R.: Two new polyploid *Xenopus* species from western Uganda, 1012.
- Flood, P.R.: Filter characteristics of appendicularian food catching nets, 173.
- Formas, J.R.: Systematic problems in the frog species *Eupsophus roseus* (Anura: Leptodactylidae) detected by karyological analysis, 446.
- Formas, J.R.: The chromosomes of *Bufo rubropunctatus* and *Bufo chilensis* (Anura, Bufonidae) and other species of the *spinulosus* group, 452.
- Froesch, D., Mangold, Katharina, and Fritz, W.: On the turnover of exogenous ferritin in the cephalopod optic gland. A microprobe study, 116.
- Gardner, C.R., and Robson, E.A.: A response to monoamines in *Peripatopsis moseleyi* (Onychophora), 1576.
- Gardner, C.R., Robson, E.A., and Stanford, C.: The presence of monoamines in the nervous system of *Peripatopsis* (Onychophora), 1577.
- Goldspink, G., Mills, C., and Schmidt-Nielsen, K.: Electrical activity of the pectoral muscles during gliding and flapping flight in the herring gull (*Larus argentatus*), 862.
- Gothilf, S., Kehat, M., Jacobson, M., and Galun, R.: Sex attractants for male *Heliothis armigera* (Hbn.), 853.
- Hála, K., Vilhelmová Miloslavová, Schelmanová, Jana, and Sainerová, Hana: A spontaneous chicken chimaera, 1556.
- Higgs, M.D., and Evans, D.A.: Chemical mediators in the oviposition behaviour of the house longhorn beetle, *Hylotropus bajulus*, 46.
- Holderegger, Ch., and Bechter, R.: A reliable method for obtaining longitudinal sections of sperms for electron microscopy (Pro experimentis), 13%.
- Hou, R.F., and Brooks, Marion A.: Trace metals especially Fe⁺⁺ as dietary factors for leafhoppers, 465.
- Jausi, R., and Kunz, P.A.: Isolation of the major toxic protein from the skin venom of the crested newt, *Triturus cristatus*, 503.
- John, P.A.: Seasonal fluctuations of population densities of the fish-mite *Seudacia medianensis* independent of atmospheric temperature and humidity, 1151.
- Kandaswamy, C.K.: Occurrence of an endocrine centre in the gonad of a land slug *Laevicaulis alte* (Gastropoda: Pulmonata), 595.
- Kennedy, B., and Kryvi, H.: The ultrastructure of the spiral notosetae of *Nicomache maculata* Arwidsson (Polychaeta, Maldanidae), 460.
- Khan, M.A.: Histochemical characterization of the red fibres in pigeon pectoralis muscle, 784.
- Khan, T.R., Singh, S.B., Singh, R.K., and Singh, T.K.: Neurosecretory control of corpora allata activity in cockroach, *Periplaneta americana* L., 49.
- Kornfield, I.L.: Evidence for rapid speciation in African cichlid fishes, 335.
- Kováč, L., Peterajová, E., and Pogády, J.: Behaviour of *Drosophila melanogaster* is affected by drugs, 604.
- Künemann, H., and Bashamohideen, Md.: A quick and modified Winkler-method for measuring O₂-consumption of aquatic animals (Pro experimentis), 1242.
- Kunz, Yvette W., and Wise, Christina: Structural differences of cone 'oil-droplets' in the light and dark adapted retina of *Poecilia reticulata* P., 246.
- Magyar, Irene, Schleidt, W.M., and Miller, B.: Localization of sound producing animals using the arrival time differences of their signals at an array of microphones (Pro experimentis), 676.
- Morescalchi, A., and Ingram, G.J.: Cytotaxonomy of the myobatrachid frogs of the genus *Limnodynastes*, 584.
- Nair, C.K.K., and Gopalan, H.N.B.: Association of DNA replication with nuclear membrane in larvae of *Chironomus thummi*, 353.
- Naya, Y., Miyamoto, F., and Takemoto, T.: Formation of enantiomeric sesquiterpenes in the secretions of scale insects, 984.
- Nevo, E., Shimony, T., and Libni, M.: Pollution selection of allozyme polymorphisms in barnacles, 1562.
- Olmo, E., and Morescalchi, A.: Genome and cell sizes in frogs: A comparison with salamanders, 44.
- Popham, E.J., Parr, M.J., and Chowdhury, Vijay: Specific differences in tsetse fly sounds and their behavioural significance, 1152.
- Rajasekariah, G.R.: *Chaetogaster limnaei* K von Baer 1872 on *Limnaea tomentosa*: Ingestion of *Fasciola hepatica* cercariae, 1458.
- Rishi, S., and Rishi, K.K.: Occurrence of monocentric chromosomes in *Pieris brassicae* L. (Lepidoptera, Pieridae), 451.
- Saxena, K.N., and Goyal, Shashi: Orientation of *Papilio demoleus* larvae to coloured solutions, 35.
- Saxena, Padma: Digestive physiology of *Bradynopyga geminata* (Odonata: Libellulidae), 1579.
- Saxena, S.C., and Sushma: Screening of newly synthesized non-alkylating sterilant compounds against the adult *Chrotogonus trachipterus* Blanch. (Orthoptera: Acrididae), 1162.
- Schlaghecke, R., and Blüm, V.: Seasonal variations in liver metabolism of the green frog *Rana esculenta* (L.), 456.
- Schlaghecke, R., and Blüm, V.: Seasonal variations in fat body metabolism of the green frog *Rana esculenta* (L.), 1019.
- Sieber, R., and Benz, G.: The influence of juvenile hormone on the feeding behaviour of last instar larvae of the codling moth, *Laspeyresia pomonella* (Lep., Tortricidae), reared under different photoperiods, 1647.
- Singh, Kavindra, and Singh, Km.N.: Effect of seasonal variations and cold acclimation on serum transaminase activity of common Indian frog *Rana tigrina*, 1130.
- Singh, R.K., Singh, S.B., Khan, T.R., and Singh, T.K.: Dilation of nervi corporis allati 2 (NCA 2) - a neurohaemal structure in *Chrysocoris stollii* Wolf. (Heteroptera: Pentatomidae), 186.
- Sinha, M.P., Sahni, S.L., and Sinha, D.P.: The lateral neurosecretory cells and mating instinct in male *Dysdercus koenigii* (Hemiptera: Pyrrhocoridae), 53.
- Smith, D.A.S.: Cardiac glycosides in *Danaus chrysippus* (L.) provide some protection against an insect parasitoid, 844.
- Smith, D.A.S.: The effect of cardiac glycoside storage on growth rate and adult size in the butterfly *Danaus chrysippus* (L.), 845.
- Soliman, M.H., and Hay, D.A.: Interaction of genotype and learning in the food preference of the flour beetle, *Tribolium castaneum*, 329.
- Srdić, Z., Beck, H., and Gloor, H.: Yolk protein differences between species of *Drosophila*, 1572.

- Srivastava, C. B. L., Seal, M., Das, P. K., and Gopesh, A.: Anatomical identification of the presumed electroreceptors of two air breathing catfishes, *Clarias batrachus* and *Heteropneustes fossilis*, 1345.
- Tadkowski, T. M., and Jones, J. C.: Endogenous synthesis of lipid yolk in mosquito oocytes, 627.
- Tingle, F. C., and Mitchell, E. R.: Response of *Heliothis virescens* to pheromonal components and an inhibitor in olfactometers, 153.
- Tobe, S. S.: Changes in free amino acids and peptides in the haemolymph of *Glossina austeni* during the reproductive cycle, 1462.
- van Honk, C. G. J., Velthuis, H. H. W., and Röseler, P.-F.: A sex pheromone from the mandibular glands in bumblebee queens, 838.
- Veith, H. J., Weiss, J., and Koeniger, N.: A new alarm pheromone (2-decen-1-yl-acetate) isolated from the stings of *Apis dorsata* and *Apis florea* (Hymenoptera: Apidae), 423.
- Weaving, J. N., and Cullen, M. J.: Unusual high volume of sarcoplasmic reticulum in a wasp leg muscle, 796.
- Wiemer, D. F., Hicks, K., Meinwald, J., and Eisner, T.: Naphthoquinones in defensive secretion of an opilionid, 969.
- Woodbridge 3rd, R. G.: The common periwinkle, *Littorina littorea*, Linne, attracted by sugars, 1445.
- Oecologica**
- Bernstein, Ruth A.: Slavery in the subfamily Dolichoderinae (F. Formicidae) and its ecological consequences, 1281.
- Berthold, P.: Endogenous control as a possible basis for varying migratory habits in different bird populations, 1451.
- Block, W., Young, S. R., Conradi-Larsen, E. M., and Sømme, L.: Cold tolerance of two Antarctic terrestrial arthropods, 1166.
- Drewes, Patricia A., Kamp, A. O., and Winkelman, J. W.: Radioimmunoassay of polyacrylamide, 316.
- Flückiger, W., Flückiger-Keller, H., and Oertli, J. J.: Inhibition of the regulatory ability of stomata caused by exhaust gases, 1274.
- Gothilf, S., Kehat, M., Jacobson, M., and Galun, R.: Sex attractants for male *Heliothis armigera* (Hbn.), 853.
- Higgs, M. D., and Evans, D. A.: Chemical mediators in the oviposition behaviour of the house longhorn beetle, *Hylotrupes bajulus*, 46.
- Magyar, Irene, Schleidt, W. M., and Miller, B.: Localization of sound producing animals using the arrival time differences of their signals at an array of microphones (Pro experimentis), 676.
- Nevo, E., Shimony, T., and Libni, M.: Pollution selection of allozyme polymorphisms in barnacles, 1562.
- Parsons, P. A., and McDonald, Janice: What distinguishes cosmopolitan and endemic *Drosophila* species?, 1445.
- Prasad, K. N., and Sakamoto, A.: Effect of sodium butyrate in combination with prostaglandin E_1 and inhibitors of cyclic nucleotide phosphodiesterase on human amelanotic melanoma cells in culture, 1575.
- Smith, D. A. S.: Cardiac glycosides in *Danaus chrysippus* (L.) provide some protection against an insect parasitoid, 844.
- Smith, D. A. S.: The effect of cardiac glycoside storage on growth rate and adult size in the butterfly *Danaus chrysippus* (L.), 845.
- Soliman, M. H., and Hay, D. A.: Interaction of genotype and learning in the food preference of the flour beetle, *Tribolium castaneum*, 329.
- Wiemer, D. F., Hicks, K., Meinwald, J., and Eisner, T.: Naphthoquinones in defensive secretion of an opilionid, 969.
- Biochimica descriptiva analytica et synthetica**
- Argiolas, A., and Fadda, F.: A radioenzymatic method to measure picogram amounts of dopamine and 3,4-dihydroxyphenylacetic acid (DOPAC) in small samples of brain tissue, 739.
- Axelsson, S., and Lynhagen, N.: A low cost device for increased analytical capacity in gas chromatography (Pro experimentis), 139.
- Bach, B., Gregson, R. P., Holland, G. S., Quinn, R. J., and Reichelt, J. L.: L-Azetidine-2-carboxylic acid, the antidermatophyte constituent of two marine sponges, 688.
- Boutry, J.-L., et Bordes, M.: Sur une méthode de récolte de diatomées vivantes après culture (Pro experimentis), 415.
- Branford White, C. J.: Proteoglycans in ovine brain, 1036.
- Bürcky, K., Gemmrich, A., and Schraudolf, H.: Gas chromatographic evidence of the antheridiogen of *Lygodium japonicum* ($A_{1.7}$) (Schizaeaceae), 718.
- Cavatorta, P., Crippa, P. R., and Tosi, A. M.: Isoelectric focusing study of radiation damage to dry conalbumin, 849.
- Cherry, J. M., Buckhout, T. J., and Morrè, D. J.: The absence of gangliosides in a higher plant, 1433.
- Christopher, J. P., Millar, D. B., and Grafius, Melba A.: On the solvent-extraction of acetylcholine receptor, 689.
- Currell, D. L., Young, D., and Olea, J.: The effect of ligand on the kinetics of the reaction of the sulfhydryl groups of human hemoglobin with p-mercuribenzoate, 439.
- Dabrowski, K.: The density and chemical composition of fish muscle, 1263.
- Das, I., and Belleruche, J. S. de: An assessment of the effect of hormone and neurotransmitters on adenine and guanine derivatives simultaneously in rat brain cortical slices, 312.
- DeFeudis, F. V.: Can the binding of GABA, glycine and β -alanine to synaptic receptors be determined in the presence of a physiological concentration of Na^{+} ?, 1314.
- Delbecque, J. P., Diehl, P. A., and O'Connor, J. D.: Presence of ecdysone and ecdysterone in the tick *Amblyomma hebraeum* Koch, 1379.
- Drewes, Patricia A., Kamp, A. O., and Winkelman, J. W.: Radioimmunoassay of polyacrylamide, 316.
- Engels, J., and Reidys, R.: Synthesis and application of the photolabile guanosine 3',5'-phosphoric-o-nitrobenzylester, 14.
- Fitschen, W., and Thompson, P.: A rapid method for the fractionation of avian blood cell nuclei, 475.
- Fontana, F., and Amorelli, M.: Chromosomal translocations in 2 Italian populations of *Reticulitermes lucifugus* (Rossi) (Insecta, Isoptera: Rhinotermitidae), 708.
- Garcia-Gracia, M., Gervas-Camacho, J., and DeFeudis, F. V.: Effect of desipramine on the contents of some free amino acids of mouse brain, 227.
- Gronow, M., and Thackrah, T. M.: Large scale isoelectric focusing analysis of the non-histone proteins of the nucleus: Isolation of components with alkaline isoelectric points, 430.
- Harada, K., Suzuki, S., and Ishida, H.: Syntheses of amino acids from unsaturated aliphatic carboxylic acid by contact glow discharge electrolysis, 17.
- Heikkilä, R. E., Cabbat, Felicitas S., and Cohen, G.: Inactivation of superoxide dismutase by several thiocarbamic acid derivatives, 1553.
- Holtzer, H., Okayama, M., Biehl, J., and Holtzer, S.: Chondrogenesis in chick limb buds and somites, 281.
- Hofeš, V., and Kocourek, J.: The lack of insulin-binding to simple glycosidic receptors, 307.
- Jäckle, H., and Schmidt, O.: Characterization of ribosomal RNA from insect eggs (*Euscelis plebejus*, Cicadina; *Smittia spec.*, Chironomidae, Diptera), 1260.
- Jaussi, R., and Kunz, P. A.: Isolation of the major toxic protein from the skin venom of the crested newt, *Triturus cristatus*, 503.
- Jones, M. N.: The association between N-acetyl-neuraminic acid and calcium ions in aqueous solution, 685.
- Kawai, K., Akita, T., and Nozawa, Y.: Biochemical studies of pigments from a pathogenic fungus *Microsporium cookei*. V. Evidence for the transmembrane permeability of xanthomegnin across phospholipid bilayer membranes, 977.
- Kuwahara, S. S., and Chambers, W. T.: Destruction of the platelet aggregating activity of ristocetin A, 532.
- Lebl, M., Bojanovska, V., Barth, T., and Još, K.: Oxytocin analogs effective as noncompetitive inhibitors in uterine test, 1543.
- Lis, Dora, and Monis, B.: Glycosaminoglycans in separated tubules of the guinea-pig and rat kidney medulla, 693.
- Long, G. L., Cook, J. R., and Ellington, W. R.: Evidence for the nonhydrophobic interaction of aromatic, nitrogen-containing compounds with the coenzyme binding site of a NAD-linked D-lactate dehydrogenase, 567.
- Lotz, W.: Biological activities and receptor affinities of some natural and synthetic oestrogens and their D-homo analogues, 1373.
- Low, P. S., Hoffmann, K. H., Swezey, R., and Somero, G. N.: Protein water binding ability correlates with cellular osmolarity, 314.
- Majumdar, T., and Suroli, A.: Cross-linked arabinogalactan: A new affinity matrix for the purification of *Ricinus communis* lectins, 979.
- McElroy, J. C., and D'Arcy, P. F.: Interaction between azapropazone and warfarin, 1320.
- Naya, Y., Miyamoto, F., and Takemoto, T.: Formation of enantiomeric sesquiterpenes in the secretions of scale insects, 984.
- Neri, P., Antoni, G., and Tarli, P.: Difference in resistance of subunits A and B of *Vibrio cholerae* toxin (cholera toxin) to treatment with pronase, 1293.

- Rosenthal, G.A.: The reported occurrence of L-canavanine in soya bean. *Glycine max*, 1539.
- Ross, H.A.: A dialysis rate method for the measurement of free iodothyronine and steroid hormones in blood, 538.
- Sawecka, J., Kornacka, L., and Malec, J.: Fractionation of mouse DNA by precipitation with F1 histone into fragments differing in their base composition, 309.
- Saxena, Rajendra K., and Sinha, Umakant: Metabolic status of temperature induced swollen conidia of *Aspergillus nidulans*, 43.
- Schlesinger, D.H., Goldstein, G., Scheid, Margrit P., and Bitensky, M.: Chemical synthesis of a hexadecapeptide segment of ubiquitin that activates adenylate cyclase and induces lymphocytes to differentiate, 703.
- Schmid, K., Garvin, P.F., and Mao, S.K.Y.: Purification and partial characterization of a human plasma α_1 -heteroglycan, 826.
- Schulze, H.-U., and Pop, Liliane: Fusion of microsomal vesicles, 338.
- Segerson, Jr, E.C., and Gray, R.C.: Alphaglobulin follicular fluid proteins within small and large bovine follicles, 831.
- Singh, K.: Use of arrow-root powder in starch gel electrophoresis (Pro experimentis), 551.
- Skagen, D.W., and Andersen, K.-J.: A simple technique for the measurement of ^3H - and ^{14}C -radioactivity per μg DNA in fixed tissue (Pro experimentis), 673.
- Skrinska, V.A., Messineo, L., Towns, R.L.R., and Pearson, K.H.: Transition metals in calf thymus deoxyribonucleoprotein, 15.
- Toro-Goyco, E., Zuazaga de Ortiz, C., and del Castillo, J.: On the modification of sulfhydryl groups by 4-cyclopentene-1,3-dione, 1131.
- van Eijk, G.W., and Roeymans, H.J.: Napthoquinone derivatives from the fungus *Hendersonula toruloides*, 1257.
- Yuthavong, Y.: Quenching of intrinsic fluorescence accompanies the activation of prococoonase, 440.
- Zagalak, B., Curtius, H.-Ch., Foschi, Rosmarie, Wipf, Gabrielle, Redweik, U., and Zagalak, Maria-Jolanta: Mass fragmentographic determination of cholecalciferol and 25-hydroxycholecalciferol in human serum, 1537.
- Biochimica metabolica, Enzymologica**
- Abbott, G.F., and Hawkins, Shirley E.: Absence of low molecular weight DNA polymerase activity from the nuclei of *Amoeba discoides*, 427.
- Abo-Khatwa, N.: Cellulase of fungus-growing termites: A new hypothesis on its origin, 559.
- Abreu, L.A., and Abreu, R.R.: Changes induced by Ehrlich ascites carcinoma in hepatic fumarase and aconitase activities, 1536.
- Adams, E., Blass, D.A., Harford, J.B., and Adams, J.A.: Bacterial utilization of cyclo-(glycyl-L-prolyl), 579.
- Adebonojo, F.O.: Lysosomal acid hydrolases of normal adipose tissues of man, monkey and rat, 825.
- Agostini, A. de, and Cox, J.A.: A new form of rabbit skeletal troponin C, 905.
- Agostini, C.: Effect of sodium octanoate on leucine incorporation into protein of rat liver slices and of Yoshida ascites hepatoma cells, 232.
- Agrawal, O.P., and Bahadur, J.: Role of salivary glands in the maintenance of midgut amylase activity in *Periplaneta americana* L., 1552.
- Albrecht, W.: Effects of s.c. adrenaline, isoprenaline and phenylephrine on blood glucose and lactate in the phenformin-treated streptozotocin-diabetic rat, 905.
- Althoff, J., Quint, P., and Höhling, H.J.: Activation and specificity of alkaline phosphatase of a mineralizing collagen-rich system, 692.
- Ammer, D., Budry, R., and Lerch, K.: Structure and function of a copper-metallothionein from *Neurospora crassa*, 905.
- Anhut, H., Peskar, B.A., Wachter, W., Gräbbling, B., and Peskar, B.M.: Radioimmunological determination of prostaglandin D_2 synthesis in human thrombocytes, 1494.
- Arfellini, G., Prodi, G., and Grilli, S.: Removal of 5-bromo-2-deoxyuridine incorporated in liver DNA of newborn and young adult rats, 185.
- Asotra, K., and Malhotra, R.K.: Growth metabolism of diaphragm in Swiss albino mice, 75.
- Assimeh, S.N., and Chapuis, R.: Isolation of a novel plasma macroglobulin by affinity chromatography on sepharose-IgG, 905.
- Axelsson, S., and Lynhagen, N.: A low cost device for increased analytical capacity in gas chromatography (Pro experimentis), 139.
- Baba, A., Tsukamoto, T., Matsuda, T., and Iwata, H.: Possible regulation of membrane-associated cyclic AMP phosphodiesterase in rat cerebral cortex by lipids, 1139.
- Baici, A., Luisi, P.L., Palmieri, S., and Marchesini, A.: Kinetic studies of the aerobic reduction of ascorbate oxidase, 905.
- Balemans, M.G.M., Bary, F.A.M., Legerstee, W.C., and van Benthem, J.: Estimation of the methylating capacity in the pineal gland of the rat with special reference to the methylation of N-acetylserotonin and 5-hydroxytryptophol separately, 1434.
- Balemans, M.G.M., Noordegraaf, E.M., Bary, F.A.M., and van Berlo, M.F.: Estimation of the methylating capacity of the pineal gland. With special reference to indole metabolism, 887.
- Banerjee, R.K.: Viral adenosine triphosphatase, 1430.
- Bas, S., Favarger, P., and Rous, S.: Attempt to estimate the degree of saturation of mitochondrial pyruvate carrier and pyruvate carboxylase by their substrate in liver of living mice, 905.
- Bata, Jacqueline, Vallier, Paulette, et Colobert, L.: Mise en évidence d'une activité α -amylasique dans les lysosomes d'*Aspergillus oryzae*, 572.
- Behne, D., Berswordt-Wallrabe, R. von, Elger, W., Hube, G., and Wolters, W.: Effects of pregnancy and lactation on the serum selenium content of rats, 270.
- Behne, D., Berswordt-Wallrabe, R. von, Elger, W., and Wolters, W.: Glutathione peroxidase in erythrocytes and plasma of rats during pregnancy and lactation, 986.
- Benzonana, G., Campanella, C., and Gabbiani, G.: Actin solubilization and 'supercontraction' in crayfish muscle as shown by immunofluorescence and electron microscopy, 906.
- Benzonana, G., Dubas, F., Dreifuss, J.J., and Gabbiani, G.: Uneven distribution of actin in the pituitary gland, 906.
- Beret, A., Anton, R., and Stoclet, J.C.: Flavonoid compounds are potent inhibitors of cyclic AMP phosphodiesterase, 1054.
- Berger, C., Kojima, Y., and Kagi, J.H.R.: Primary structure of equine hepatic metallothionein: Comparison of renal and hepatic isoproteins, 906.
- Bhatt, D.K.: Imbalance in the activities of alkaline phosphatase and $\text{Na}^+\text{-K}^+\text{-ATPase}$ in the brain of experimentally induced phenylketonuric squirrels (*Funambulus palmarum*), 1549.
- Biber, J., Hauser, H., and Semenza, G.: Extraction of peripheral proteins from intestinal brush border membrane vesicles, 906.
- Bobek, P., and Ginter, E.: Serum triglycerides and post-heparin lipolytic activity in guinea-pigs with latent vitamin C deficiency, 1554.
- Bogdanov, S., and Bally, P.: Preincubation with Papaverine (PA) can lower the PGE-1-induced rise of cAMP in human platelets (platelet-rich plasma), 906.
- Bruggmann, S., and Lutz, H.: Gelelectrophoresis-derived enzyme-linked immunosorbent assay (GEDELISA): A new technique for the characterization of antibody specificity and the detection of antigens in complex mixtures, 906.
- Büchi, K.A.: Estimation of total estradiol receptors in the rat uterus, 907.
- Burkart, T., Siegrist, H.P., Herschkowitz, N., and Wiesmann, U.: Sulfatide metabolism of the cerebrum and cerebellum of normal and myelin-deficient jimpy mice, 907.
- Bürkli, A., and Cherry, R.J.: Rotational mobility of $\text{Ca}^{2+}\text{-Mg}^{2+}$ -dependent ATPase of sarcoplasmic reticulum, 907.
- Burns, R.G., Gregory, Lindsay J., Lethbridge, G., and Pettit, N.M.: The effect of γ -irradiation on soil enzyme stability, 301.
- Cambier, D., and Labbé, J.P.: On a rabbit hyperlipemia induced by a fungic galactomannane peptide (Pro experimentis), 1384.
- Cao, T.P., and Rous, S.: Action of acetazolamide on liver pyruvate carboxylase (PCX) and acetyl CoA carboxylase (ACX) activities in mice, 907.
- Cardot, J.: Biosynthèse in vitro d'octopamine par le système nerveux et le cœur du mollusque gastéropode *Helix pomatia*, 1261.
- Cariello, L., De Nicola Giudici, M., Zanetti, L., and Protà, G.: Neononellin, a new biologically active pigment from *Bonellia viridis*, 1427.
- Casinovi, C.G., Grandolini, G., Radics, L., and Rossi, C.: A p-menthane derivative isolated from culture filtrates of *Fusicoccum amygdali*, Del., 298.
- Catignani, G.L., and Bieri, J.G.: Hepatic α -tocopherol binding protein in the rat: Absence of an effect of selenium deficiency on binding activity, 830.
- Chakrabarty, P.K.: Isozymes in *Drosophila* cell line, 438.
- Chandhary, L.R., Ya. Kon', I., and Pokrovsky, A.A.: Activity of phospholipases A and some lysosomal enzymes in rat testes at different stages of hypervitaminosis A, 991.
- Charollais, E.J.: Mode d'action d'analogues de l'AMP-cyclique sur les phosphodiesterases du cerveau, 907.

- Chatterjee, T., Maitra, D., Chakravarty, T., and Datta, A.G.: Studies on plasma fibrinogen level in pre-eclampsia and eclampsia, 562.
- Chen, Y.M., and Chavin, W.: Serum tyrosinase in human lung carcinoma, 20.
- Chen, Y.M., and Chavin, W.: In vitro effects of melanocytolytic agents and other compounds upon dominant human melanoma tyrosinase activity, 21.
- Chetty, K.G., Netrawali, M.S., and Pradhan, D.S.: Nucleotide metabolism in the rat liver following whole-body X-irradiation, 32.
- Christopher, J.P., Millar, D.B., and Grafius, Melba A.: On the solvent-extraction of acetylcholine receptor, 689.
- Contestabile, A., Ercolessi, M., and Bellucci, A.: Acetylcholinesterase decrease in the optic lobe after unilateral eye deprivation, 759.
- Cook, D.E.: Effect of vasectomy on hepatic drug metabolism, 315.
- Cretaz, M., and Jeanrenaud, B.: Study on insulin resistance in muscles from genetically obese (fa/fa) rats, 907.
- da Costa e Silva, A., and Albuquerque, Z.P.: Effect of experimental chronic renal failure upon the production of urea, as measured by the liver arginase activity in rats, 1465.
- Das, L., and Belleruche, J.S. de: An assessment of the effect of hormone and neurotransmitters on adenine and guanine derivatives simultaneously in rat brain cortical slices, 312.
- Davies, J.E.W., Ellery, P.M., Heyworth, P.G., and Hughes, R.E.: The influence of ionized fluoride on the ascorbic acid concentration in guinea-pig tissues, 429.
- Deconinck, M., Couteaux, Beatrice, Looze, Y., Gillet, Liliane, Polastro, E., and Leonis, J.: Carboxypeptidase Y from *Saccharomyces cerevisiae*: Circular dichroism and fluorescence studies, 569.
- Dhariwal, K.R., and Venkatasubramanian, T.A.: Effect of Tween 80 on lipids of *Mycobacterium phlei* ATCC 354, 303.
- Dimuzio, M.T., and Fleisch, H.: EHDP-effect on the synthesis of phosphophoryns and dentin collagen in the rat incisor, 908.
- Divakaran, P.: Essential fatty acids (EFA) deficiency and liver mitochondria, 1540.
- Doherty, R.A., Gates, A.H., Sewell, C.E., and Freer, C.: Methylmercury sexual dimorphism in the mouse, 871.
- Dorer, F.E., Stewart, J.M., and Ryan, J.W.: Studies on the hydrolysis of bradykinin by angiotensin-converting enzyme (kininase II), 1436.
- Duijn, Jr. C. van: Effect of pH on photosensitivity of bull spermatozoa (Pro experimentis), 1102.
- Dutton, M.F., and Anderson, M.S.: The use of fungal protoplasts in the study of aflatoxin biosynthesis, 22.
- Eichele, G., Ford, G.C., Glor, M., Reimer, A.-S., Thaller, C., Jansonius, J.N., Gasser, A., Hausner, U., Karabelnik, D., Stözel, R., Wilson, K.J., and Christen, P.: Towards the spatial structure of mitochondrial aspartate aminotransferase, 908.
- Ekström, Jörgen: Acetylcholine synthesis and its dependence on nervous activity, 1247.
- Enz, A., Iwangoff, P., and Armbruster, R.: Phosphofructo-kinase activity in human autaptic brain, 908.
- Erard, F., Schwendemann, B., and Bargetzi, J.P.: Bovine brain glutamate dehydrogenase, 908.
- Fabbro, D., Bechtel, E., and Eppenberger, U.: Characterization of protein kinases isolated from the cytosol of GH₃-cells, 908.
- Fankboner, P.V., and Reid, R.G.B.: Protein digestion in the sea gooseberry *Pleurobranchia bachei* A. Agassiz (Ctenophora: Tentaculata), 728.
- Fekete, I.: Effects of alloxan on orotic acid and glycogen content in various vertebrate species, 827.
- Fekete, I.: Glycerin prevents the 'heat-death' of Ehrlich ascites tumor cells, 829.
- Fournier, N., Geoffroy, M., Monjon, B., and Deshusses, J.: Spin-labelling technique applied to the problem of the control of fatty-acids translocation and oxidation in the heart, 909.
- Fräter-Schröder, M., Hitzig, W.H., Büttler, R., and Häkkinen, A.K.: Polymorphic inheritance of transcobalamin II, 909.
- Friedberg, T., Oesch, F., and Bentley, P.: Purification of glutathione transferases by affinity chromatography, 909.
- García-Gracia, M., Gervas-Camacho, J., and DeFeudis, F.V.: Effect of desipramine on the contents of some free amino acids of mouse brain, 227.
- Gerber, A.Ch., Kozdrowski, I., Wyss, S., and Berger, E.G.: The charge heterogeneity of pure galactosyltransferase from human milk, 909.
- Gerli, G.C., Agostoni, A., and Fiorelli, G.: G-6PD loading of G-6PD-deficient erythrocytes, 431.
- Giacobino, J.P.: Role of the plasma membranes and of the intracellular membranes in adipocyte glycerolipid synthesis, 909.
- Gilboa-Garber, N., Katz-Bergman, Y., and Pinsky, A.: Comparative study of the sensitivity of acetylcholinesterases and cholinesterases from animal and bacterial sources to inhibition by serotonin and its derivatives, 992.
- Giri, K.V., and Singh, S.N.: Age-dependent response of lactate dehydrogenase of pituitary of rat to testosterone, 1270.
- Gitzelmann-Cumarasamy, N., Gitzelmann, R., Kuenzle, C.C., and Wilson, K.J.: Human serum albumins from newborns and adults are structurally identical, 909.
- Giudicelli, Y., Brullé, D., and Nordmann, R.: Modification of theophylline-induced lipolysis in human fat cells after trypsinization, 161.
- Givant, Y., and Sulman, F.G.: Quantitation of nitroglycerin in human blood after administration by sustained release, 643.
- Goodman, R.E., and Pederson, D.M.: α -Galactosidase isozymes from *Bacillus stearothermophilus*, 910.
- Granato, D., and Bron, C.: Comparison of allogeneic and xenogeneic surface markers specific for murine T-cells, 910.
- Greenwood, D.R., and Russell, G.B.: 26-Hydroxy- β -ecdysone, a metabolite of β -ecdysone in the blowfly, *Calliphora erythrocephala*, 687.
- Gross, N., and Bron, C.: Identification of human T-cell specific antigen, 910.
- Gruenberg, J., Sharma, P.R., and Deshusses, J.: The transport system for D-glucose in the rate limiting step of its metabolism in *Trypanosoma brucei*, 910.
- Grüniger, H., and Schär, M.: The transport of cytoplasmically-synthesized proteins into mitochondria, 910.
- Guerinot, F., et Bohuon, C.: Préparation des sous-unités de la dopamine β -hydroxylase humaine et des anticorps anti-sous-unités (Pro experimentis), 820.
- Haigis, E., Häuptle, M.T., and Gitzelmann, R.: Enzyme-substrate binding reaction: Determination of activation energy and enthalpy change using the immobilized substrate, 910.
- Haley, J.E., Stefano, G.B., and Catapano, E.J.: Correlation between acidic phospholipids and serotonin and between lysolecithin and dopamine in ganglia of the marine mussel, *Mytilus edulis*, 210.
- Han, P.F., Han, G.Y., Cole, Jr, T.W., Owen, G.S., and Johnson, Jr, J.: Inhibition of liver fructose 1,6-bisphosphatase activity by Zn²⁺: Reversal by imidazole pyruvate, 704.
- Harrison, J.M., Clarke, R.J., Inch, T.D., and Upshall, D.G.: The metabolism of dibenz [b,f]-1,4-oxazepine (CR): in vivo hydroxylation of 10,11-dihydrodibenz [b,f]-1,4-oxazepin-11-(OH)-one and the NIH shift, 698.
- Hazama, H., and Kunimoto, N.: Distribution of monoamine oxidase in hippocampal region of the rat, 424.
- Heikkilä, R.E., Cabbat, Felicitas S., and Cohen, G.: Inactivation of superoxide dismutase by several thiocarbamic acid derivatives, 1553.
- Heizmann, C.W., Hotz, I.E., and Eppenberger, H.M.: M-line in chicken muscle, 911.
- Henke, H.: Kainic acid binding in the pigeon CNS, 911.
- Heumann, D., Candardjis, Ph., Carrel, S., and Mach, J.-P.: Identification of the normal glycoprotein crossreacting with carcinoembryonic antigen in granulocytes and macrophages, 911.
- Higgins, E.S., Friend, W.H., and Rogers, K.S.: Depression by ethionine of phosphorylating oxidation in hepatic mitochondria, 578.
- Hochstrasser, A.-C., and Jeanrenaud, B.: Effect of acute bilateral vagotomy on hypersecretion of insulin of ventromedial (VMH) lesioned rats, 911.
- Honegger, C.G., and Hahn, H.P. von: 5HT-receptors in brain of rats with experimental allergic encephalomyelitis (EAE) and after incubation with myelin basic protein (MBP) in vitro, 911.
- Itoh, M., Uchimura, H., Hirano, M., Saito, M., Kim, J.S., and Nakahara, T.: Glutamate decarboxylase activity in preoptic and hypothalamic nuclei of the rat, 988.
- Ivić, Mileva, and Klisić, Lj.: A histochemical demonstration of the Na⁺ + K⁺-ATPase activity in the thyroid and the effect of cyclic adenosine monophosphate (c-AMP), 1513.
- Jakob, A., Salzmann, M., and Diem, S.: Interrelations between the exchange of H⁺, K⁺, Ca²⁺ across the cell membrane and the control of hepatic glycogenolysis, 912.
- James, R.W., and Fulpius, B.W.: Characterization of ¹²⁵I-labeled α -bungarotoxin (α -Bgt), 912.
- Jaquet, H., Wojnarowski, W., Francioli, P., and Glauser, M.P.: Release of monosaccharides from *Candida albicans* compared to human serum glycoconjugates, 912.

- Jutzi, H., Siegrist, P., Wiesmann, U., Schäfer, R., and Hersch-kowitz, N.: Effect of removal of cholesterol on microsomal enzyme-activity, 912.
- Kambara, T., Hirata, M., and Hiraoka, T.: Neutral proteases in the guinea-pig lymphocytes, 526.
- Kamisaka, K., Hirano, M., and Tsuru, M.: Purification of acidic Z protein from human liver, 1265.
- Karakash, C., Hustvedt, B.E., Lovø, A., and Jeanrenaud, B.: Paradoxical hyperexcretion of nitrogen in hyperinsulinemic rats, 912.
- Karlaganis, G., and Paumgartner, G.: Analysis of bile acids in serum by capillary gasliquid chromatography, 913.
- Kashyap, M.L., Mendoza, S.G. de, Campbell, M., Chen, C.Y., Lutmer, R.F., and Glueck, C.L.: Lipoprotein lipase activator deficiency in very low density lipoproteins in rat nephrotic syndrome, 1044.
- Kato, L., Mankiewicz, E., and Thököly, I. de: An approach for the in vitro screening of drugs for activity against leprosy, 1322.
- Kato, T., Nagatsu, T., Kimura, T., and Sakakibara, S.: Studies on substrate specificity of X-prolyl dipeptidyl-aminopeptidase using new chromogenic substrates, X-Y-p-nitroanilides, 319.
- Keira, T., Godinot, C., and Gautheron, D.C.: Intrinsic fluorescence of mitochondrial F₁-ATPase, 1548.
- Kelly, Sally, and Schedlbauer, L.: Glutathione peroxidase in dried blood spots, 1560.
- Khan, M.A.: Histochemical characterization of the red fibres in pigeon pectoralis muscle, 784.
- Khuller, G.K.: Lipid composition of *Microsporium gypseum*, 432.
- Kis, P.: Improved method for preparation of microcrystalline chlorophyll a with *Anacystis nidulans* as a source, 1289.
- Kistler, A., and Keller, P.: Inhibition of glycolysis by L-sorbose in dog erythrocytes, 800.
- Knoll, H.R., Bronstein, W.W., and Porter, P.J.: Adenosine triphosphate and di-phosphoglycerate levels in red blood cells from patients with Down's syndrome, 1133.
- Kofoed, J.A., and Barceló, Ana C.: The synovial fluid hyaluronic acid in rheumatoid arthritis, 1545.
- Kofoed, J.A., Tocci, A.A., and Barceló, A.C.: Further studies on hepatic acid glycosaminoglycans in the Hurler syndrome, 577.
- Komov, V.P., Rakhmanina, T.F., and Strelkova, M.A.: A study of the cytoplasmic factors controlling the rate of catalase synthesis in rat liver, 24.
- Kopp, F., Cuendet, P.A., Zuber, H., and Mühlethaler, K.: Mono-layers of a lightharvesting polypeptide and of polymethyl glutamate, 913.
- Kothari, R.M., Millar, D.B., Grafius, M.A., and Christopher, J.P.: Time dependent formation of acetylcholinesterase isozymes, 160.
- Kratz, H., Chapuis, R.M., Assimeh, S.N., and Isliker, H.: Enhancement of the hemolytic activity of the first component of human complement by collagen, 913.
- Krishnamoorthy, R.V., and Jamila Begum, B.: Muscle specific structural differences in piscine muscle glycogens, 832.
- Křivánek, J.: Is attenuation of tRNA charging responsible for the inhibition of protein labelling accompanying depolarisation of the cerebral cortical cells?, 574.
- Kuehn, G.D., and Hsu, Tzu-chin: Paracatalytic modification of ribulose 1,5-bisphosphate carboxylase from *Pseudomonas facilis*, tobacco and spinach, 913.
- Kühn, L., and Kraehenbuhl, J.P.: Binding of rabbit secretory component to dispersed mammary epithelial cells and dimeric immunoglobulin A, 913.
- Kumar, P., Nagpaul, J.P., Singh, B., Bansal, R.C., and Sharma, R.: Nature of inhibition of rat testicular alkaline phosphatase by isatin, 434.
- Lacko, L., Wittke, B., and Lacko, I.: The pH-dependence of glucose transport inhibition by local anesthetics in human erythrocytes, 26.
- Lau, H.C., Horowitz, Carolyn, Jumawan, Jocelyn, and Koldovsky, O.: Effect of cortisone or triiodothyronine administration to pregnant rats on lysosomal hydrolases in fetal forebrain and cerebellum, 566.
- Leeuw, S.A.J. de, Stügelin, J., and Dutler, H.: Mechanistische Grundlage für die hohe Genauigkeit der Aminosäureaktivierung in der Protein-Biosynthese, 913.
- Lerch, K.: Amino-acid sequence of tyrosinase from *Neurospora crassa*, 914.
- Lesslauer, W.: Erythrocyte membrane structure and agglutinin-receptor binding, 914.
- Levy, D., Jockusch, B.M., Meyer, D.I., Meyer, R., and Burger, M.M.: The interaction of actin and α -actinin with liposomes, 914.
- Lindner, E., and Beyhl, F.E.: Induction of microsomal drug-metabolizing enzymes caused by hexobarbital, 226.
- Lippmann, W.: Inhibition of prostaglandin-induced cyclic AMP accumulation in the rat anterior pituitary by alrestatin, 441.
- Long, G.L., Cook, J.R., and Ellington, W.R.: Evidence for the nonhydrophobic interaction of aromatic, nitrogen-containing compounds with the coenzyme binding site of a NAD-linked D-lactate dehydrogenase, 567.
- Loriette, C., and Chatagner, Fernande: Cysteine oxidase and cysteine sulfinic acid decarboxylase in developing rat liver, 981.
- Lussier, A., Médicis, R. de, et Mathon, G.: Inhibition de l'arthrite à adjuvant par l'oxonate: influence de l'uricémie, 995.
- Lutz, H.U., Däniken, A. von, and Bächli, T.: Segregation of glycophorin from other integral membrane proteins, 914.
- Macdonald, I.A.: Exchange of tritium from randomly tritiated taurocholate by microbial bile salt oxidoreductases, 426.
- Mahmood, A., Pathak, R.M., and Agarwal, N.: Effect of chronic alloxan diabetes and insulin administration on intestinal brush border enzymes, 741.
- Malhotra, R.K., Dhingra, S., and Katoch, S.S.: Alkaline phosphatase activity in normal and denervated skeletal muscle, 1206.
- Markert, M., and Frei, J.: Kinetic of oxygen consumption during phagocytosis of leukocytes: photometric method, 914.
- Marković, O.: Pectinesterase from carrot (*Daucus carota* L.), 561.
- Marmor, M.F., and Martin, Lizbeth J.: Visual pigment regeneration: Occurrence in frog retina upside down upon the pigment epithelium, 374.
- Martin-Achard, A., Diserens, A.-C., Tribolet, N. de, and Matthieu, J.-M.: Sulfatide synthesis and CNP: Glial markers for cultured gliomas?, 914.
- Mashford, P.M., and Jones, A.R.: The antifertility action of α -chlorohydrin: Enzyme inhibition by α -chlorohydrin phosphate, 1267.
- Matsuda, T., Baba, A., and Iwata, H.: Possible role of intestinal alkaline phosphatase activity in thiamine transport, 18.
- Matthieu, J.-M., Honegger, P., and Dolivo, M.: Myelin isolation of aggregating brain cultures, 915.
- Mattcock, M.B., Sheorain, V.S., and Subrahmanyam, D.: Lecithin-cholesterol acyltransferase activity in carbohydrate-induced hypertriglyceridemia in mice. An immunofluorescent method for identification of isolated thyrotropic cells, 304.
- Mayer, H., Bollag, W., Hänni, R., and Rüegg, R.: Retinoids, a new class of compounds with prophylactic and therapeutic activities in oncology and dermatology, 1105.
- Mayobre, M.L., Favarger, P., and Rous, S.: Action of a deficiency in biotin on the activities of liver and adipose tissue pyruvate and acetyl CoA carboxylases, 915.
- Micic, D., Micic, J., Klatzo, I., and Spatz, M.: Effect of pentobarbital on the synaptosomal activity of acetylcholinesterase in Mongolian gerbils, 169.
- Misra, S.B., and Dixit, S.N.: Antifungal properties of leaf extract of *Ranunculus sceleratus* L., 1442.
- Miwa, I., Maeda, K., and Okuda, J.: Anomeric compositions of D-glucose in tissues and blood of rat, 167.
- Mukerjee, S.S., and Mukherjee, S.K.: Activators of serum lipoprotein lipase in alloxan diabetic rats, 1429.
- Müller, U., Cherry, R.J., Henderson, R., and Heyn, M.P.: Temperature-dependent aggregation of bacteriorhodopsin in phosphatidylcholine vesicles, 915.
- Murray, A.W.: Induction of epidermal cell proliferation by a tumour promoter in vitamin B₆-deficient mice, 691.
- Nagatsu, T., Kato, T., Hashimoto, Y., Numata (Sudo), Y., Yamori, Y., and Okamoto, K.: Dopamine- β -hydroxylase activity in stroke-prone spontaneously hypertensive rats, 305.
- Nair, C.K.K., and Gopalan, H.N.B.: Association of DNA replication with nuclear membrane in larvae of *Chironomus thummi*, 353.
- Nakamura, K., and Nakamura, K.: Selective activation of noradrenergic neurons in the brainstem and spinal cord of young spontaneously hypertensive rats, 1042.
- Nakatsu, K., Morison, J., and Edmonds, J.: Proteolysis in dystrophic hamster diaphragm and abdominal muscle, 318.
- Nandi Majumdar, A.P.: Effect of tryptophan on hepatic nuclear free and engaged RNA-polymerases in young and adult rats, 1258.
- Nandi Majumdar, A.P., and Nakhla, A.M.: Pentagastrin induction of acetylcholinesterase activity in cerebral cortex of rats, 974.
- Nevo, E., Shimony, T., and Libni, M.: Pollution selection of allozyme polymorphisms in barnacles, 1562.
- Nicotra, F., Ronchetti, F., and Russo, G.: Conversion of β -sitosterol into both fucosterol and isofucosterol in *Tenebrio molitor*, 699.
- Nigg, E., Kessler, M., and Cherry, R.J.: Labelling of human erythrocyte membranes with the triplet-probes eosin-isothiocyanate and iodacetamido-eosin: Inhibition of anion-transport, 915.

- Niggli, Verena, Gazzotti, P., and Carafoli, E.: Experiments on the mechanism of the inhibition of mitochondrial Ca^{2+} transport by La^{3+} and ruthenium red, 1136.
- Nimmo, I.A.: The validity of the estimates of the half-saturation concentration and maximum velocity for the efflux of glucose from human erythrocytes in infinite-cis conditions, 1551.
- Nir, I., and Hirschmann, N.: Pineal N-acetyl-transferase depression in rats exposed to heat, 1645.
- Novák, R., Matkovic, B., Marik, M., and Facht, J.: Changes in mouse liver superoxide dismutase activity and lipid peroxidation during embryonic and postpartum development, 1134.
- Okuda, J., Miwa, I., Toyoda, Y., and Baba, S.: Multiple forms of human kidney mutarotase, 563.
- Osborne, N.N., Neuhoft, V., Sontag, K.-H., and Wolfarth, S.: A preliminary study on the behaviour and biochemical responses subsequent to the injection of 5,6-dihydroxytryptamine into the substantia nigra of the rat, 495.
- Panara, F., Cirotto, C., Arangi, I., and Barberini, L.: Acid and alkaline phosphatase heterogeneity in liver, heart and intestine of the adult chick, 983.
- Peacock, A.J.: Age dependent changes in $\text{Na}^+\text{-K}^+$, activated ATPase activity of locust rectum, 1546.
- Pennington, S.N., Barakat, H.A., Dohm, G.L., and Smith, C.P.: Effect of sucrose on lipogenesis of rats chronically treated with ethanol, 564.
- Perret, B.A., Furlan, M., and Beck, E.A.: Factor VIII, an aggregate of subunit dimers, 915.
- Prentki, M., Gabbiani, G., Chaponnier, C., and Jeanrenaud, B.: Effect of phalloidin on isolated rat hepatocytes: A possible role of actin microfilaments in regulation of cell shape and triglyceride secretion, 916.
- Ramakrishnan, C.V., and Subramoniam, A.: Effect of prenatal and neonatal pantothenic acid deficiency on rat intestinal phosphatases, 435.
- Reigh, D.L., Stuart, Melissa, and Floyd, R.A.: Activation of the carcinogen N-hydroxy-2-acetylaminofluorene by rat mammary peroxidase, 107.
- Rey, F., and Felber, J.-P.: Somatostatin: Effect on the insulinotropic and glucagonotropic activities developed by rat duodenal mucosa after arginine ingestion, 916.
- Richardson, Carol L., Merritt, W.D., Keenan, T.W., and Morré, D. James: Enzymatic synthesis of trisialoganglioside by particulate fractions of rat liver, 571.
- Rieder, R., and Bosshard, H.R.: The binding sites for cytochrome c oxidase and cytochrome bc₁ on cytochrome c, 916.
- Rinderknecht, E., and Humbel, R.E.: Insulin-like growth factors (IGF I and II)-2 polypeptides homologous to proinsulin, 916.
- Robertson, L.W., Koh, S.-W., Huff, S.R., Malhotra, R.K., and Ghosh, A.: Microbiological oxidation of the pentyl side chain of cannabinoids, 1020.
- Rohner, F., and Jeanrenaud, B.: Hypothalamic lesions and the endocrine pancreas, 916.
- Römer, C., and Brodbeck, U.: Investigation by cross-linking of the state of aggregation of human erythrocyte membrane acetylcholinesterase observed in presence and absence of Triton X-100, 916.
- Rüegg, U.T., Kohler, A., Montesano, R., Vassalli, P., and Fulpus, B.W.: Identification of sulfated glycoproteins and mucopolysaccharides in lymph nodes and thymus, 917.
- Rusić, Mirjana, Levental, Milica, and Rakić, Ljubiša: ³⁵Sulphate incorporation into myelin sulphated mucopolysaccharides during rat brain development, 696.
- Rybák, M., Rybáková, B., and Petáková, M.: The hydrolysis of some L-amino acid-p-nitranilides with the normal and pregnant's serum aminopeptidases, 28.
- Saito, Masayuki, and Suda, Masami: Disaccharidase rhythm in rat small intestine; no relationship with mitosis rhythm, 700.
- Salzman, M., Carafoli, E., and Jakob, A.: Ca^{2+} redistribution and phenylephrine effects in perfused rat livers, 917.
- Sane, A.S., and Kukreti, S.C.: Effect of preoperative stress on serum cholesterol level in humans, 213.
- Sastry, A.N., and Ellington, W.R.: Lactate dehydrogenase during the larval development of *Cancer irroratus*: Effect of constant and cyclic thermal regimes, 308.
- Saxena, Rajendra K., and Sinha, Umakant: Metabolic status of temperature induced swollen conidia of *Aspergillus nidulans*, 43.
- Schneider, H., Iverson, W.G., Fuhrmann, G.F., and Fiechter, A.: Plasma membranes of *Candida tropicalis* involved in the oxidation of n-alkanes, 918.
- Scholer, D.W., and Edelman, I.S.: Biochemical localization of hormone action within the cortical nephron of the rat, 918.
- Schultz, J., Kleefeld, Gertrud, and Moulin, A. du: Adenylate cyclase and phosphodiesterase from brain tissue: Different stabilities during incubation of cerebral cortical slices, 1432.
- Schwind, H., Oesch, F., Zajdela, F., Jacquignon, P., Croisy, A., Perin, F., and Glatt, H.: Carcinogenicity and bacterial mutagenicity of 47 structurally related heterocyclic compounds, 918.
- Sengupta, S., and Rous, S.: Effect of fasting and of insulin on the activities of acetyl CoA carboxylase and fatty acid synthetase of liver and adipose tissue, 917.
- Sevdalian, D.A., and Zielke, H.R.: Depletion of cellular glycogen during the early logarithmic growth phase of human fibroblasts, 843.
- Shah, G.V., and Sheth, A.R.: Inhibition of phosphodiesterase activity of human spermatozoa by spermine, 980.
- Sherman, Adria Rothman, and Wolinsky, Ira: Lysozyme levels in tissues of iron-deficient rats, 367.
- Sidler, W., Frank, G., and Zuber, H.: Isolation, characterization and N-terminal amino acid sequence of a *Bacillus cereus* neutral proteinase, 917.
- Siegrist, H.P., Jutzi, H., Burkart, T., Wiesmann, U., and Hersch-kowitz, N.: Effect of inhibited cholesterol synthesis on the activity of a microsomal enzyme, 917.
- Silberbauer, K., Sinzinger, H., Winter, Maya, Feigl, W., and Ring, F.: Prostacyclin-like activity of endothelium and subendothelium - important for atherosclerosis?, 1471.
- Singh, Kavindra, and Singh, Km.N.: Effect of seasonal variations and cold acclimation on serum transaminase activity of common Indian frog *Rana tigrina*, 1130.
- Singh, S.P., and Singh, O.P.: Tissue specific biochemical alterations during spinning in the eri-silkworm, *Philosamia ricini*, 994.
- Skandhan, K.P., Skandhan, S., and Mehta, Y.B.: Semen electrolytes in normal and infertile subjects. II. Zinc, 1476.
- Smith, D.A.S.: Cardiac glycosides in *Danaus chrysippus* (L.) provide some protection against an insect parasitoid, 844.
- Smith, D.A.S.: The effect of cardiac glycoside storage on growth rate and adult size in the butterfly *Danaus chrysippus* (L.), 845.
- Solanki, K., and Burckhardt, P.: Binding of unlabelled bPTH to bovine kidney cortex plasma membranes: A method for studying hormone-receptor interactions, 918.
- Sosa, A., Gonzalez-Angulo, A., Calzada, L., and Alva, S.: Presence of ATPase on the vesicular membrane of *Cysticercus cellulosae*. A high resolution cytochemical study, 175.
- Steiner, W., Otten, A., Biro, Z., and Niederwieser, A.: Analysis of urinary peptides as polyaminoalcohols by gas chromatography-mass spectrometry, 918.
- Stevens, V.J., Rouzer, C.A., Monnier, V.M., and Cerami, A.: Potential role of the glycosylation of lens crystallins in diabetic cataractogenesis, 918.
- Stoll, R., Kinne, R., and Murer, H.: Effect of dietary phosphate and parathyroid hormone (PTH) on phosphate uptake by isolated renal brush border membrane vesicles (BBMV), 919.
- Strehler, E.E., Eppenberger, H.M., and Heizmann, C.W.: Low molecular weight calcium-binding proteins from chicken muscle, 919.
- Subbarao, M.N., Netrawali, M.S., and Pradhan, D.S.: RNA polymerisation capacity and permeability to ribonucleoside triphosphates of nuclei from livers of whole-body X-irradiated rats, 1279.
- Świerczyński, J., and Makarewicz, W.: Glutaminase activity in rat skeletal muscle mitochondria, 165.
- Tal, E., and Friedman, S.: Correlation between 3',5'-c-AMP levels and thyrotropin in separated rat pituitary thyrotropic cells, 1286.
- Tardy, M., Rolland, B., Bardakdjian, J., and Gonnard, P.: Action of homocarnosine, carnosine and anserine on uptake and metabolism of GABA in different subcellular fractions of rat brain, 823.
- Tardy, M., Rolland, B., Bardakdjian, J., and Gonnard, P.: Action of β -(4-chlorophenyl)-GABA on uptake and metabolism of GABA in different subcellular fractions of rat brain, 1137.
- Taylor, D.P., and Newburgh, R.W.: Ionic effects on cyclic nucleotide accumulation in a phytophagous insect, 695.
- Tesoriere, G., Vento, R., Calvaruso, G., and Taibi, G.: Partial purification and some properties of a nucleoside phosphotransferase of chick embryos, 1268.
- Thakur, R.S., Bagadia, Suresh, C., and Sharma, M.L.: Hypotensive activity of some dihydroxycoumarins and their congeners, 158.
- Toggenburger, G., Kessler, M., and Semenza, G.: The influence of the electrochemical potential of Na^+ ($\Delta\mu_{\text{Na}^+}$) on phlorizin-binding to the Na^+ -dependent D-glucose translocator of intestinal brush-border membrane vesicles, 919.

- Tratschin, J.D., Frank, G., Schär, H.P., and Zuber, H.: Sequence studies on lactic dehydrogenases (LDHs) from thermophilic *bacilli* and comparison with LDHs of mesophilic sources, 919.
- Tripathi, R.D., Srivastava, H.S., and Dixit, S.N.: A fungitoxic principle from the leaves of *Lawsonia inermis* Lam., 51.
- Tunncliffe, G., and Ngo, T.T.: Functional role of arginine residues in glutamic acid decarboxylase from brain and bacteria, 989.
- Upreti, R.K.: Search for sex-dependent and gestation-induced changes in choline and ethanolamine phosphorylating activities, 166.
- Van Herrewege, J., and David, J.R.: Feeding an insect through its respiration: Assimilation of alcohol vapors by *Drosophila melanogaster* adults, 163.
- Vardanis, A.: Polyoxin fungicides: Demonstration of insecticidal activity due to inhibition of chitin synthesis, 228.
- Watts, R.W.E.: Progress in screening for inborn errors of metabolism, 143.
- Weinshilboum, R.M., Dunnette, J., Raymond, F., and Kleinberg, F.: Erythrocyte catechol-O-methyltransferase and plasma dopamine- β -hydroxylase in human umbilical cord blood, 310.
- Werber, M.M.: Metal binding to myosin and to myosin DTNB-light chain, 575.
- Wermuth, B., and Wartburg, J.P. von: Kinetic studies on NADPH-dependent aldehyde reductase from human liver, 919.
- Weston, G.D., Farrimond, J.A., and Elliott, M.C.: The effects of 2,4-dichloro-phenoxy-acetic acid, indol-3-yl-acetic acid and kinitin on the activity of auxin-destroying enzymes of Sycamore cell suspension cultures, 468.
- Wnuk, W.: Polymorphism in sarcoplasmic Ca-binding proteins from crustaceans, 919.
- Wnuk, W., and Cox, J.A.: Homology between myosin light chains and invertebrate sarcoplasmic Ca-binding proteins, 920.
- Wnuk, W., and Stein, E.A.: Evolution of the Ca-binding properties of troponin C, 920.
- Wolf, H.U., Zander, R., and Lang, W.: The oxygen cuvette: A new concept for the measurement of the oxygen concentration in gases and fluids, 920.
- Wüthrich, K., Bendi, A., Boesch, Ch., Oppliger, M., and Andreata, R.: NMR-studies of the solution conformation of glucagon, 920.
- Yang, H.S., and Archer, M.C.: Adenylate kinase from *Rhodospirillum rubrum*, 702.
- Yen, T.T., Allan, J.A., Pearson, D.V., and Acton, J.M.: Control of obesity in *A^{y/a}* mice by 5 α -androstan-17-one, 1542.
- Yuthavong, Y.: Quenching of intrinsic fluorescence accompanies the activation of prococoonase, 440.
- Zapf, J., Waldvogel, M., Zumstein, P., and Froesch, E.R.: Evidence for a cAMP-independent stimulation of lipolysis in rat adipose tissue (AT), 920.
- Zapf, J., Waldvogel, M., Zumstein, P., and Froesch, E.R.: Increased sensitivity to epinephrine (epi) of lipolysis and of the adenylate cyclase-protein kinase (PK) system in diabetic rat adipose tissue (AT) and fat cells (FC), 921.
- Zeher, R., and Wolf, H.U.: Purification of phosphatase activity of human erythrocytes, 921.
- Physiologica**
- Acheson, K.J., Flatt, J.P., and Jéquier, E.: Effect of a 500 g carbohydrate load upon glycogen synthesis and lipogenesis in man, 895.
- Agrawal, O.P., and Bahadur, J.: Role of salivary glands in the maintenance of midgut amylase activity in *Periplaneta americana* L., 1552.
- Akasu, T., Ohta, Y., and Koketsu, K.: The effect of adrenaline on the electrogenic Na⁺ pump in cardiac muscle cells, 488.
- Argiolas, A., and Fadda, F.: A radioenzymatic method to measure picogram amounts of dopamine and 3,4-dihydroxyphenylacetic acid (DOPAC) in small samples of brain tissue, 739.
- Arishima, K., Nakama, S., Morikawa, Y., Hashimoto, Y., and Eguchi, Y.: Changes in placental permeability to corticosterone and estradiol-17 β toward the end of gestation in the rat, 262.
- Arnaud, Ch., and Gottesmann, C.: Somesthetic cortex reactivity during sleeping and waking in the rat, 1584.
- Asotra, K., and Malhotra, R.K.: Growth metabolism of diaphragm in Swiss albino mice, 75.
- Astier, H.S., Daniel, J.Y., and Jallageas, M.: Estimation of plasma thyroxine concentration in ducks in relation to different environmental and experimental conditions, 1228.
- Atreja, S.K., and Ganguli, N.C.: Uptake of glucose-C¹⁴ and fructose-C¹⁴ by buffalo spermatozoa in extenders during cold storage, 379.
- Bachofen, H., and Weibel, E.R.: Effect of surfactant on alveolar geometry, 895.
- Baertschi, A.J., Vallet, P., and Girard, J.: Control of adeno-hypophysis by posterior lobe of the pituitary gland?, 895.
- Behne, D., Berswordt-Wallrabe, R., von Elger, W., Hube, G., and Wolters, W.: Effects of pregnancy and lactation on the serum selenium content of rats, 270.
- Bereiter, D.A., and Jeanrenaud, B.: Size alterations of hypothalamic neurons in the genetically obese mouse (ob/ob), 895.
- Berthold, P.: Endogenous control as a possible basis for varying migratory habits in different bird populations, 1451.
- Berthoud, H.R., and Jeanrenaud, B.: Neural control of insulin secretion: The effect of electrical stimulation of hypothalamic areas on peripheral plasma levels of insulin and glucose in the anesthetized rat, 895.
- Bertrand, D., Fuortes, G.M., and Muri, R.: Spectral sensitivity in the drone retina, 895.
- Bessone, R., Segu, L., and Calas, A.: Radioautographic identification of serotonergic neurones in *Aplysia*, 1038.
- Bligh, J., Silver, Ann, Smith, C.A., and Bacon, M.J.: The effects on thermoregulation of intracerebroventricular injections of L-aspartic acid in the sheep, 1043.
- Bligh, J., Silver, A., Bacon, M., and Smith, C.A.: Thermoregulatory effects on the sheep of intracerebroventricular injections of L-glutamic acid, 370.
- Block, W., Young, S.R., Conradi-Larsen, E.M., and Sørme, L.: Cold tolerance of two Antarctic terrestrial arthropods, 1166.
- Borbély, A.A., and Neuhaus, H.U.: Circadian rhythm of sleep and motor activity of the rat maintained under various lighting schedules, 896.
- Borsook, D., Woolf, C.J., and Vellet, A.D.: Temperature acclimation and learning in fish, 70.
- Brenner, H.R.: Rapid gating of synaptic channels in ectopic neuromuscular junctions, 896.
- Brodie, D.A., and Halcrow, K.: Hemolymph regulation to hyposaline and hypersaline conditions in *Gammarus oceanicus* (Crustacea: Amphipoda), 1297.
- Burkhalter, A., Streit, P., Stella, M., and Cuénod, M.: [¹⁴C]-2-Deoxyglucose labelling in the pigeon visual system, 896.
- Burns, J.T., and Meier, A.H.: Profound hypothermia in golden hamsters (*Mesocricetus auratus*) induced by serotonergic potentiating and noradrenergic inhibiting drugs, 607.
- Cambar, J., et Gendre, Ph.: Études des variations quantitatives du passage de la ferritine au niveau de la membrane basale glomérulaire en fonction du temps et sous l'influence de la théophylline, 371.
- Cambar, J., Piquet, Y., Montoriol, J., et Mesnier, Y.: Mise en évidence de l'excrétion urinaire d'antigènes de la membrane basale glomérulaire (MBG) dans l'urine de 3 rongeurs (rat, souris et cobaye), 747.
- Cano, J., Roza, C., and Rodríguez-Echandia, E.L.: Effects of selective removal of the salivary glands on taste bud cells in the vallate papilla of the rat, 1290.
- Carreras, J., and Baumann, F.: Spread of the receptor potential in the retinula cells of the honeybee drone, 896.
- Cecchi, L., De Santis, A., Eusebi, F., and Curatolo, A.: An electrophysiological study of N-acetyl-L-aspartic acid (NAAA) on the stellate ganglion of the squid, 1475.
- Chan, J.T., and Black, H.S.: The mitigating effect of dietary antioxidants on chemically-induced carcinogenesis, 110.
- Chandra Sekara Reddy, D., Jayaram, V., Sowjanya, K., and Padmanabha Naidu, B.: Dial variations in the levels of blood glucose and hepatopancreatic glycogen in the slug, *Laevicaulis alte* (Ferussac 1821), 606.
- Cianci, T., Calasso, M., Zamboni, G., Perez, E., and Parmeggiani, P.L.: Deprivation and recovery of desynchronized sleep, 896.
- Coles, J.A., and Brown, J.E.: Saturation of the response to light in the ventral photoreceptors of *Limulus*, 896.
- Concu, A., Carcassi, A.M., Piras, M.B., Blanco, S., and Argiolas, A.: Evidence for a correlation between the latency of an early component of auditory evoked potentials and the brain levels of serotonin in albino rats, 375.
- Constantinou, C.E., Neubarth, J.L., and Mensah-Dwumah, Monica: Frequency gradient in the autorhythmicity of the pyloureteral pacemaker system, 614.
- da Costa e Silva, A., and Albuquerque, Z.P.: Effect of experimental chronic renal failure upon the production of urea, as measured by the liver arginase activity in rats, 1465.
- Dainat, J., et Rebière, A.: Variations au cours de la journée de l'incorporation in vivo de la leucine tritiée dans les protéines du cervelet et du cerveau du jeune rat normal et hypothyroïdien, 264.

- Danieli Betto, D., and Midrio, M.: Effects of the spinal cord section and of subsequent denervation on the mechanical properties of fast and slow muscles, 55.
- Danieli Betto, D., Volpin, L., and Midrio, M.: Effects of disuse and nerve stump length on the development of fibrillation in denervated soleus muscle, 1582.
- Danisi, G., Salamin, A., and Straub, R.W.: Inorganic phosphate uptake in isolated rabbit ileum, 897.
- Davies, A., and Kohl, J.: Continuous and discontinuous acceleration of breathing in rabbits, 897.
- DeFeudis, F.V.: Can the binding of GABA, glycine and β -alanine to synaptic receptors be determined in the presence of a physiological concentration of Na^+ ?, 1314.
- DeFeudis, F.V., Orensanz Muñoz, L.M., Vidal, M.A., Corrochano, G., and Sanchez del Alamo, M.: High-affinity binding of β -alanine to cerebral synaptosomes might involve glycine-receptors, 1169.
- Dekanić, Darinka: Bone marrow in male and female rats, 1313.
- del Pozo, F., DeFeudis, F.V., and Jimenez, J.M.: Motilities of isolated and aggregated mice: A difference in ultradian rhythmicity, 1302.
- Denlinger, D.L., Chaudhury, M.F.B., and Dhadialla, T.S.: Cyclic AMP is a likely mediator of ovulation in the tsetse fly, 1296.
- Driscoll, P., Woodson, P., and Bättig, K.: Shock-induced fighting differences in roman high- and low-avoidance rats, 897.
- Duijn, J., C. van: Effect of pH on photosensitivity of bull spermatozoa (Pro experimentis), 1102.
- Dumpert, K.: Spider odor receptor: Electrophysiological proof, 754.
- Dray, A., and Oakley, N.R.: Projections from nucleus accumbens to globus pallidus and substantia nigra in the rat, 68.
- Dunn, J.D., Castro, A.J., and McNulty, J.A.: Failure of medial forebrain bundle or raphe ablation to alter the daily temperature rhythm of the rat, 1588.
- Edwards, A.V., Bircham, P.M.M., Mitchell, S.J., and Bloom, S.R.: Changes in the concentration of vasoactive intestinal peptide in intestinal lymph in response to vagal stimulation in the calf, 1186.
- Ekström, Jörgen: Acetylcholine synthesis and its dependence on nervous activity, 1247.
- Engen, R.L., and Klemm, W.R.: Large regional and strain differences in rat brain sialic acid and 2-deoxyribose, 368.
- Eshel, Y., Korczyn, A.D., Kutz, I., Elizur, A., Rabinowitz, R., and Gitter, S.: Effect of electroconvulsive treatment on serum dopamine-beta-hydroxylase activity in man, 212.
- Eusebi, F., Palmieri, P., and Picardo, M.: Action of glutamic acid and of some glutamate analogues on the molluscan central neurones, 867.
- Evéquo, V., Deshusses, J., and Tsacopoulos, M.: The effect of photostimulation on glycogen turnover in the retina of the honeybee drone, 897.
- Fallert, M., Böhmer, G., and Dinse, H.R.O.: Putative neurotransmitters in bulbar respiratory neurons, 897.
- Fantini, G.P., Bottecchia, D., Gruppo, P., Nassuato, G., and Barbera, M.: Platelet aggregation following electrical stimulation, 661.
- Felix, D., and Henke, H.: Enkephalin and morphine in the pigeon optic tectum, 897.
- Ferrand, R., Renaud, J.-F., and Le Douarin, G.H.: Effects of adenohipophysectomy on cAMP levels in chick embryo thyroid, adrenal and spleen, 263.
- Flügel, W.: Oviposition rhythm of individual *Drosophila melanogaster*, 65.
- Foesel, S., and Sewing, K.-Fr.: Enhancement of electrically stimulated guinea-pig gallbladder contraction by subthreshold concentrations of gastrointestinal hormones in vitro, 205.
- Frederick, E.C., Hamant, M.F., Rasmussen, S.A., Chan, A.K., and Goslow, Jr, G.E.: Correlation of histochemical and physiological properties of muscle units in the striped skunk, 372.
- Frey, Rudolf, and Abdulla, Walied: Acupuncture: Its neurophysiological basis. An anaesthetist's foreword, 963.
- Friedli, C., Chinot, A., and Girardier, L.: Insulin-like effect of cold adaptation in brown adipose tissue (BAT), 898.
- Friedman, A.H., and Marchese, A.L.: Positive after-image, PAI: Early erasure by saccadic eye movement or Jendrassik manoeuvre, 71.
- Fümm, H., Driscoll, P., and Bättig, K.: Influence of enriched environment on exploratory activity in roman high- and low-avoidance rats, 898.
- Gähwiler, B.H.: Electrophysiological properties of cultured hypothalamic neurons, 898.
- Gaill, F., and Lafont, R.: Concentration by the renal sac of *Molgula manhattensis* of homarine, a nitrogenous compound, 1028.
- Gelles, J.M., and Zeiler, R.: Electrogenic hyperpolarization in canine cardiac Purkinje fibres exposed to calcium ionophores, 619.
- Geyer, G., Biedermann, M., and Schmidt, H.-P.: Endolymphatic leakage in case of acute loss of cochlear microphonics, 363.
- Gilles-Baillien, Michelle, and Verbert, Myriam: Seasonal changes in the electrical parameters of the small intestine, colon and bladder mucosa of land tortoises (*Testudo hermanni hermanni* Gmelin), 1174.
- Giovannini, P.: Measurement of frog skeletal muscle intracellular buffer value by CO_2 -titration of homogenates, 898.
- Goldspink, G., Mills, C., and Schmidt-Nielsen, K.: Electrical activity of the pectoral muscles during gliding and flapping flight in the herring gull (*Larus argentatus*), 862.
- Golenhofen, K., and Hannappel, J.: A tonic component in the motility of the upper urinary tract (renal pelvis-ureter), 64.
- Gong, J.K., and DeLuca, C.: Infusion at constant rate in vivo (Pro experimentis), 672.
- Gothilf, S., Kehat, M., Jacobson, M., and Galun, R.: Sex attractants for male *Heliothis armigera* (Hbn.), 853.
- Gröfin, U.B., and Thölen, H.: Cerebral edema in the rat with galactosamine induced severe hepatitis, 1501.
- Grosso, A., and De Sousa, R.C.: Sidedness of the inhibitory effects of diamide on Na and water transport in amphibian skin, 593.
- Grosso, A., and De Sousa, R.C.: Paradoxical stimulation of water transport by alloxan in toad skin, 898.
- Grovum, W.L.: Distension of the reticulum decreased food but not water intake by sheep, 202.
- Güth, K., Kuhn, H.J., Herzig, J.W., and Rüegg, J.C.: Evidence for cross bridge slippage in a stretched muscle fibre, 1183.
- Gutiérrez-Rivas, E., Andrés, I. de, Gómez-Montoya, J., and Reinos-Suárez, F.: The influence of the rostral pontine-ventrolateral region on the sleep-wakefulness cycle, 61.
- Hardcastle, J., Hardcastle, P.T., Flower, R.J., and Sanford, P.A.: The effect of bradykinin on the electrical activity of rat jejunum, 617.
- Hartmann, K., Akert, K., and Künzle, H.: Projections of the monkey precentral motor cortex to the midbrain, 898.
- Haynes, L.W., and Kerkut, G.A.: Criteria for the appearance of post-tetanic potentiation of transmission at central synapses in *Helix aspersa*, 752.
- Hefli, F., Lichtensteiger, W., Felix, H., and Felix, D.: Synaptic input to the giant dopamine-containing cell of *Planorbis corneus*, 899.
- Hepp-Reymond, M.-C., Gross, A., and Allum, J.H.J.: Neuronal population related to force in motor cortex of awake monkeys, 899.
- Hermesmeier, K.: Angiotensin II increases electrical communication in cardiac muscle, 899.
- Hess, O.M., and Kräyenbühl, H.P.: Viscous and elastic properties of the normal and the hypertrophied left ventricle, 899.
- Hinterberger, W., Cerny, C., Kinast, H., Pointner, H., and Tragl, K.H.: Somatostatin reduces the release of colony-stimulating activity (CSA) from PHA-activated mouse spleen lymphocytes, 860.
- Hogan, P.M., and Kallen, F.C.: Autorhythmic concentrations of bat wing veins: Functional correlates between central and peripheral vascular pacemaker activity, 1422.
- Honma, K., Katabami, F., and Hiroshige, T.: A phase response curve for the locomotor activity rhythm of the rat, 1602.
- Hornsey, D.J.: Permeability coefficients of the egg-case membrane of *Scyllorhinus canicula* L., B 1596.
- Hösl, Elisabeth, and Hösl, L.: Uptake of ^3H -GABA and L- ^3H -glutamic acid in cultured rat dorsal root ganglia, 899.
- Howd, R.A., Adamovics, A., and Palekar, A.: Naloxone and intestinal motility, 1310.
- Hunsperger, R.W.: Facilitation of contrast responses of single cortical visual cells during induced gazing, 900.
- Huston, J.P., and Stäubli, Ursula: Step-up avoidance: A new paradigm for studying passive avoidance learning, 900.
- Isler, H., and Honegger, C.G.: The effect of myelin basic protein (MBP) on the bioelectrical activity of the frog spinal cord in vitro, 900.
- Izutsu, K.T., Siegel, I.A., and Smuckler, E.A.: HCO_3^- -ATPase activity distribution in rat liver cell fractions prepared by zonal centrifugation, 731.
- Jayaram, V., Chandra Sekara Reddy, D., and Padmanabha Naidu, B.: Circadian rhythmicity in phosphorylase activity and glycogen content in the heart muscle of the scorpion, *Heterometrus fulvipes*, C.L. Koch, 1184.
- Jevning, R., Wilson, A.F., and Smith, W.R.: The transcendental meditation technique, adrenocortical activity, and implications for stress, 618.

- Kageyama, K., Kinoshita, Y., and Kimura, E.: A rapid method for measuring the phospholipid synthetic activity of incubated lymphocytes, 1311.
- Kallen, F.C.: Overview of circulation in the wing membrane, 1398.
- Kapur, K., and Toor, H.S.: The effect of methallibure (I.C.I. 33,828) on the steroidogenesis in the ovary and testis of a fresh water teleost, *Cyprinus carpio*, 811.
- Karen, P., Pohlavá, I., and Jelinek, J.: Influence of age on the renal renin response to a high salt intake in the rat, 622.
- Kashyap, M.L., Mendoza, S.G. de, Campbell, M., Chen, C.Y., Lutmer, R.F., and Glueck, C.L.: Lipoprotein lipase activator deficiency in very low density lipoproteins in rat nephrotic syndrome, 1044.
- Kawa, A., Ryu, S., Taniguchi, Y., Mizuguchi, K., Maeda, Y., Ariyama, T., Kamisaki, K., Koreeda, F., and Kanehisa, T.: The effects of microinjection of carbachol or hemicholinium into the amygdala on the levels of plasma and adrenal corticosterone in rats, 814.
- Kelly, S.S.: The effects of age and nutritional state on m.e.p.p. amplitude, 200.
- Kempf, E., Mack, G., Canguilhem, B., and Mandel, P.: Seasonal changes in the levels and the turnover of brain serotonin and noradrenaline in the European hamster kept under constant environment, 1032.
- Keren, O., and Korczyn, A.D.: Asymmetry of turning behaviour of rats induced by amphetamine and apomorphine, 616.
- Khan, M.A.: Histochemical characterization of the red fibres in pigeon pectoralis muscle, 784.
- Khan, R.A.A.: Factors influencing the distribution of 99m-technetium methylene diphosphonate in bone and soft tissues, 1598.
- Khan, T.R., Singh, S.B., Singh, R.K., and Singh, T.K.: Neurosecretory control of corpora allata activity in cockroach, *Periplaneta americana* L., 49.
- Kleinlogel, H.: Der EEG-Schlaf der Ratte in unterschiedlich grossen Käfigen, 900.
- Kometani, K., and Sugi, H.: Calcium transients in a molluscan smooth muscle, 1469.
- Kondo, T., and Magee, D.F.: Do β adrenergic agents directly stimulate gastrin secretion?, 607.
- Koul, O., and Saxena, B.P.: Raffinose as reserve sugar in *Dysdercus koenigii* - a biosynthesis confirmation by ^{14}C glucose, 1590.
- Kuneš, J., Čapek, K., Jelinek, J., and Cherkovich, G.M.: Extracellular fluid distribution in salt-hypertensive monkeys, 753.
- Künemann, H., and Bashamohideen, M.D.: A quick and modified Winkler-method for measuring O_2 -consumption of aquatic animals (Pro experiments), 1242.
- Labhart, T.: Electrophysiological investigation on the ocelli of the honeybee, 900.
- Laciga, P., and Koller, E.A.: Respiratory, circulatory and ECG changes at 6000 m and 7000 m, 900.
- Lacoste, V., and Gastpar, M.: A relationship between behavioral and physiological responses to i.v. 1-5HTP, 901.
- LaManna, J.C., Saive, J.-J., Macdonald, V.W., and Jöbsis, F.F.: Simultaneous monitoring by optical techniques of respiratory chain and intracellular pH in toad ventricle strip, 203.
- Landau, B., Singer, R., Klein, T., and Segenreich, E.: Folic acid levels in blood and seminal plasma of normo- and oligospermic patients prior and following folic acid treatment, 1301.
- Lang, W., Büttner-Ennever, J.A., and Büttner, U.: Vestibular projections to the monkey thalamus, 901.
- LeFevre, M.E., Vanderhoff, J.W., Laissue, J.A., and Joel, D.D.: Accumulation of 2- μm latex particles in mouse Peyer's patches during chronic latex feeding, 120.
- Lichtensteiger, W., Felix, D., and Hefti, F.: Correlation of firing rate and histochemical fluorescence intensity in individual giant dopamine neurons of the water snail *Planorbis corneus*, 901.
- Lin, M.T.: Prostaglandin E_2 -induced fever in rabbits pretreated with p-chlorophenylalanine, 59.
- Lin, M.T., Chern, Y.F., and Chern, S.I.: The effects of brain monoamine depletion on p-chlorophenyl-alanine-induced hypothermia, 1595.
- Lin, M.T., Chia, W.Y., Tsai, C.T., and Yin, T.H.: Effects of brain monoamine depletion on thermoregulation, active avoidance, and food and water intake in rats, 756.
- Lukat, R.: Circadian growth layers in the cuticle of behaviourally arrhythmic cockroaches (*Blaberus fuscus*, Ins., Blattoidea), 477.
- Mahmood, A., Pathak, R.M., and Agarwal, N.: Effect of chronic alloxan diabetes and insulin administration on intestinal brush border enzymes, 741.
- Mainoya, J.R.: Possible influence of prolactin on intestinal hypertrophy in pregnant and lactating rats, 1230.
- Major, F.: Auswirkungen einer definierten Belastung auf die Enzymaktivitäten im Blutplasma bei der Maus, 1307.
- Makinoda, S., Miura, S., and Koyama, T.: Construction of a thin film PO_2 -electrode using gold paste, 62.
- Malhotra, R.K., Dhir, S., and Katoch, S.S.: Alkaline phosphatase activity in normal and denervated skeletal muscle, 1206.
- Mareš, P., Mareš, J., Remeš, P., Hessler, M., and Fischer, J.: The influence of GABA on discharges of cortical epileptogenic focus, 1308.
- Marmor, M.F., and Martin, Lizabeth J.: Visual pigment regeneration: Occurrence in frog retina upside down upon the pigment epithelium, 374.
- Martin, J.R., Geiselman, P.J., and Bättig, K.: Subdiaphragmatic vagotomy eliminates drinking induced by i.v. dipsogens in rats, 901.
- Martinez-Sierra, R., Andres-Trelles, F., and Vazquez Herrero, C.: Close relation between hypothalamic and cardiac norepinephrine during stress and its role in acute myocardial infarction dysrhythmias, 1611.
- Matthes, G., Hackensellner, H.A., and Hartwig, A.: Successful cryopreservation of auricle fragments from rat hearts at -196°C , 1024.
- McMullen, H.L., and Sauer, J.R.: The relationship of phosphodiesterase and cyclic AMP to the process of fluid secretion in the salivary glands of the ixodid tick *Amblyomma americanum*, 1030.
- Meier, W., and Voüte, C.L.: Gold ions as a tool for morphofunctional studies in frog skin, 901.
- Menendez-Patterson, A., Florez-Lozano, J.A., and Marin, B.: Oxidative activity during the sexual cycle of the central nervous system, adrenal glands and ovaries in the hamster (*Mesocricetus auratus*), 190.
- Mislin, H.: The active venous pulse in the wing circulation of bats (Chiroptera). A contribution to comparative angiology. Introduction, 1391.
- Mondadori, C., Caratsch, C.G., Spiess, C., and Schaub, M.C.: Possible modulation of cholinergic transmission by brain extract, 901.
- Mondadori, C., and Waser, P.G.: Improvement of retention by posttrial morphine, 902.
- Murakami, H., and Kinoshita, K.: An improved method for estimating the activity of a mouse with the photoswitch (Pro experimentis), 671.
- Nagai, M., and Iriki, M.: Autonomic response of the fish to pyrogen, 1177.
- Nakahata, N.: Difference in the sensitivity to Ca ion among glycerinated skeletal, cardiac and smooth muscles, 362.
- Nakatsu, K., Morison, J., and Edmonds, J.: Proteolysis in dystrophic hamster diaphragm and abdominal muscle, 318.
- Nawrath, H.: Papaverine enhances the negative inotropic effect of acetylcholine in rat auricles, 859.
- Nicoll, P.A.: Phasic activities in venular muscles of the bat wing, 1418.
- Niemeyer, G.: Cholinergic antagonists fail to block S-potentials in the cat retina, 902.
- Nijhout, H.F., and Martin, S.K.: Alpha-adrenergic activity of isoproterenol in mosquito antennae, 758.
- Nir, I., and Hirschmann, N.: Pineal N-acetyltransferase depression in rats exposed to heat, 1645.
- Oetliker, H., and Schümperli, R.A.: Early birefringence signal and latency relaxation in single fibres of frog skeletal muscle, 902.
- Ogata, N.: Possible explanation for interictal-ictal transition: Evolution of epileptiform activity in hippocampal slice by chloride depletion, 1035.
- Ononogbu, Ikepundu C.: Effect of low density lipoprotein and high density lipoprotein on sodium dodecyl sulphate precipitation of very low density lipoprotein from human serum, 1470.
- Ozawa, S., and Sand, O.: Action potentials in non-tumor cells from the anterior pituitary gland, 542.
- Pavan Kumar, T., and Sasira Babu, K.: Diurnal variations in cholinesterase activities in the slug, *Laevicaulis alte*, 612.
- Pequeux, A., and Gilles, R.: $\text{Na}^+/\text{NH}_4^+$ co-transport in isolated perfused gills of the Chinese crab *Eriocheir sinensis* acclimated to fresh water, 1593.
- Peristany, J.G., Huggel, H., and Bisetti, M.-L.: Interaction of Ca and K ions in governing spontaneous electrical and mechanical activity of bat wing veins, 1415.
- Perna, B., Croitoru, N., and Ishay, J.S.: Dominance and hierarchy in *Polistes gallicus* colonies attained through photoelectric properties, 1022.
- Petrelli, F., Coderoni, S., Moretti, P., Paparelli, M., and Barra, D.: Effects of biotin deficiency on serum proteins and plasma amino acids, 1481.

- Pietra, P., Angioy, A.M., Liscia, A., and Crnjar, R.: Electrical resistivity of labellar taste hairs of male and female blowflies, *Phormia regina* (Meig.), 491.
- Pollack, J.G., and Winters, R.W.: Effect of adaptation level on maintained firing and sensitivity in receptive field center of X and Y cells, 80.
- Prasad, R., Mukhopadhyay, A., and Prasad, N.: Variation in the lactase dehydrogenase activity of the esophagus, 484.
- Prazma, J.: Penetration of cells membrane by the piezoelectric driver (Pro experimentis), 1387.
- Pusch, H.: The determination of extracellular space using hemoglobin (Pro experimentis), 1103.
- Rai, V.K., Joshi, R.P., and Banyal, S.: 'Boost' in gibberellin response by water-stress in seedling growth, 1148.
- Rakowski, T.A., Vertuno, L.L., and Preuss, H.G.: A lack of correlation between rat kidney mitochondrial swelling and glutaminase activation in metabolic acidosis, 359.
- Ramana Rao, K.V., and Begum, Md.R.: Possible significance of aminotransferases in tissues of the aestivating fresh water mussel, *Lamellidens marginalis* (Lamarck), 746.
- Ravussin, E., Pahud, P., Dörner, A., Arnaud, M., and Jéquier, E.: Exogenous ¹³C-glucose (¹³C-G) utilization during prolonged exercise in glycogen depleted (GD) and control subjects (C), 902.
- Reader, T.A.: The effects of dopamine, noradrenaline and serotonin in the visual cortex of the cat, 1586.
- Rechav, Y.: Lack of daily rhythm in the release of assembly pheromones by the tick *Amblyomma hebraeum* (Koch), 478.
- Reinharz, A.C., Pavel, S., and Vallotton, M.B.: Evidence for in vitro release of neurophysin by the rat pineal gland, 1232.
- Roches, J.-C., Fässler, A., Zumstein, H.R., Scollo-Lavizzari, G., and Hösli, L.: Action of taurine and glycine on strychnine-induced convulsions in the rabbit, 902.
- Rolf, R.H., Matz, D.R., and Brune, G.G.: Serotoninstoffwechsel bei chronischem Alkoholismus, 74.
- Rose, G.E., and Patel, R.N.: A simple system of multiple organ-baths (Pro experimentis), 550.
- Sabag, N., Castrillón, M.A., and Tchernitchin, A.: Cortisol-induced migration of eosinophil leukocytes to lymphoid organs, 666.
- Sane, A.S., and Kukreti, S.C.: Effect of preoperative stress on serum cholesterol level in humans, 213.
- Saxena, Padma: Digestive physiology of *Bradynopyga geminata* (Odonata: Libellulidae), 1579.
- Saxena, Rajendra K., and Sinha, Umakant: Metabolic status of temperature induced swollen conidia of *Aspergillus nidulans*, 43.
- Schipp, R.: Morphological specializations: Ultrastructural, 1410.
- Schümperli, R.A., Oetliker, H., and Murali, A. von: Optical properties of birefringence- and transmission spike in the olfactory nerve of pike, 903.
- Seydoux, J., Brunsmann, M.J.A., Jeanrenaud, B., and Girardier, L.: A-Sympathetic nerve control of glucose output in situ perfused mouse liver, 902.
- Shiba, Y., Muneoka, Y., and Kanno, Y.: The relationship between membrane potential and ATP content in rat liver during ischemia, 57.
- Silberbauer, K., Sinzinger, H., Winter, Maya, Feigl, W., and Ring, F.: Prostacyclin-like activity of endothelium and subendothelium - important for atherosclerosis?, 1471.
- Singh, K.: Serum iron level of the common Indian frog *Rana tigrina* Daud., 433.
- Sinha, A.K.: Olfactory sensitivity in *Aulacophora foveicollis* Lucas (Coleoptera: Chrysomellidae) in relation to its host plant, 1029.
- Skandhan, K.P., Skandhan, S., and Mehta, Y.B.: Semen electrolytes in normal and infertile subjects. II. Zinc, 1476.
- Small, A., Homer, L.D., and Ide, R.S.: The influence of pH on the sex-related differences in renal organic ion transport, 1315.
- Smiesko, V., Kriška, M., and Kovalčík, V.: Bayliss myogenic response in the isolated ductus arteriosus of guinea-pig and rabbit fetuses, 745.
- Smith, D.C., and El-Hage, A.: Effect of exercise training on the chronotropic response of isolated rat atria to atropine, 1027.
- Smokovitis, A.: Sex related fibrinolytic activity in rat tissues, 483.
- Snider, R.S., Thomas, W., and Snider, S.R.: Focal brain hyperthermia. I. The cerebellar cortex, 479.
- Spennay, J.G.: Gastrin stimulated H⁺ secretion in amphibian gastric mucosa: Effect of tetrodotoxin, 625.
- Stankiewicz-Choroszuca, B., and Görski, J.: Effect of beta-adrenergic blockade on intramuscular triglyceride mobilization during exercise, 357.
- Stäubli, Ursula, and Huston, J.P.: Taskdependent effects of post-trial reinforcing or subreinforcing stimulation of the substantia nigra on avoidance learning, 903.
- Stettler, E., and Jéquier, E.: Long-term measurement of energy expenditure in obese subjects on an ad libitum diet and during a protein sparing modified fast (PSMF), 903.
- Streit, P., Knecht, E., and Cuénod, M.: GABA-specific presynaptic dendrites of local circuit neurons, 903.
- Stygles, V.G., Reinke, D.A., Rickert, D.E., and Hook, J.B.: Increased blood pressure in the SHR is not related to a deficit in renomedullary PGE₂, 1025.
- Sugaya, E., and Onozuka, M.: Unequal distribution of calcium and magnesium of snail neuron, 1299.
- Sugimoto, K., and Sato, T.: Depression of frog gustatory neural responses to quinine-HCl after adaptation of the tongue to various taste stimuli, 196.
- Sugimoto, K., and Sato, T.: Change in taste preference related to aging of taste cells in rat, 611.
- Svelto, M., and Lippe, C.: Colchicine inhibition of ADH effect on frog skin permeability, 360.
- Székely, M.: 5-Hydroxytryptamine induced changes in body temperature of newborn kittens and guinea-pigs and the effect of indomethacin thereon, 58.
- Tadkowsky, T.M., and Jones, J.C.: Endogenous synthesis of lipid yolk in mosquito oocytes, 627.
- Talo, A., and Hodgson, B.J.: Electrical slow waves in oviductal smooth muscle of the guinea-pig, mouse and the immature baboon, 198.
- Tarr, M., and Trank, J.W.: Chemically mediated cell-to-cell contractile activation in isolated frog atrial cardiac cells, 1472.
- Taylor, D.A., and Stone, T.W.: Neuronal responses to extracellularly applied cyclic AMP: Role of the adenosine receptor, 481.
- Tippe, A., Greguss, P., and Müller-Mohnsen, H.: On reversible changes in the steady state ion-conductance of the Ranvier node membrane under low frequency sound fields, 365.
- Tkachenko, B.I., Vinogradova, M.I., and Makovskaja, V.A.: A correlation of responses of the resistance and capacitance vessels of the intestine and kidney to changes of impulse in postganglionic nerves under pressor reflexes, 1298.
- Tobe, St.S.: Changes in free amino acids and peptides in the haemolymph of *Glossina austeni* during the reproductive cycle, 1462.
- Tribollet, E., Theodosis, D.T., and Dreifuss, J.J.: Afferent connections to the paraventricular nucleus studied by the retrograde transport of horseradish peroxidase, 903.
- Tsacopoulos, M., and Coles, J.A.: Inhibition by strophantidin of the uptake of potassium by pigment cells in the drone retina, 903.
- Tyler, D.W.: Localization of renal kallikrein in the dog, 621.
- Uddin, M., and Tyler, D.W.: Demilune cells of the cat submandibular gland; and unlikely source of kallikrein, 609.
- Unsicker, K., and Gröschel-Stewart, U.: Distribution of contractile proteins and adrenergic nerves in the adrenal gland of guinea-pig, rat and ox as revealed by immunofluorescence and the glyoxylic acid technique, 102.
- van Honk, C.G.J., Velthuis, H.H.W., and Röseler, P.-F.: A sex pheromone from the mandibular glands in bumblebee queens, 838.
- Vijande, M., Costales, M., and Marin, B.: Sex difference in polyethylenglycol-induced thirst, 742.
- Vijayalakshmi, S., Pavan Kumar, T., and Sasira Babu, K.: Rhythmicity of aminotransferase in the cockroach, *Periplaneta americana*, 192.
- Vincent-Ablazey, M., Baker, T., and Lowndes, H.E.: Motor nerve terminal defect following tenotomy, 1479.
- Wang, S.J., Frangi, U., and Felix, D.: The role of glutamate in pigeon optic tectum, 904.
- Wehner, R.: Spectral cues in skylight navigation of insects, 904.
- Weidmann, Silvio: Work in progress at the Shanghai Institute of Physiology, Division of Acupuncture, 964.
- Weihe, W.H., and Baumann, I.R.: Body temperatures after (+)-amphetamine in heat and cold exposed rats, 904.
- Wiedeman, Mary P.: The chemical and pharmacological milieu, 1413.
- Wiedeman, Mary P.: Relevance of work on bats to our understanding of the role of active venous vasomotion in the circulatory system, 1421.
- Wiggins, J.R., and Bassett, A.L.: Sodium-dependence of sustained force in potassium contracture of cat ventricle, 1591.
- Wild, P., Limacher, W., Hunziker, W., and Fischer, J.A.: Early ultrastructural and secretory responses of canine parathyroid glands to changes in serum Ca-concentration, 904.
- Wolf, P., Olpe, H.-R., Avrih, D., and Haas, H.L.: GABAergic inhibition of neurons in the ventral tegmental area, 73.
- Wong, Y.C., Wong, P.Y.D., and Yeung, C.H.: Ultrastructural correlation of water reabsorption in isolated rat cauda epididymidis, 485.

- Yamamoto, D., Fukami, J., and Washio, H.: Ca-electrogenesis in mealworm muscle: A voltage clamp study, 1603.
- Zangger, P.: Fictive locomotion in curarized high spinal cats elicited with 4-aminopyridine and DOPA, 904.
- Zuazaga de Ortiz, C., and Castillo, J. del: Induction of electrical excitability in crustacean muscle by 4-cyclopentene-1,3-dione, 1033.
- ### Neurologica
- Bligh, J., Silver, A., Bacon, M., and Smith, C.A.: Thermoregulatory effects on the sheep of intracerebroventricular injections of L-glutamic acid, 370.
- Botham, R.P., Beadle, D.J., Hart, R.J., Potter, C., and Wilson, R.G.: Stimulation induced depletion of the synaptic vesicles in excitatory motor nerve terminals of the locust, *Locusta migratoria* L., 207.
- Botham, R.P., Beadle, D.J., Hart, R.J., Potter, C., and Wilson, R.G.: Synaptic vesicle depletion and glutamate uptake in a nerve-muscle preparation of the locust, *Locusta migratoria* L., 209.
- Branford White, C.J.: Proteoglycans in ovine brain, 1036.
- Brown, J., Lewis, Vivien, Brown, M.W., Horn, G., and Bowes, J.B.: Amnesic effects of intravenous diazepam and lorazepam, 501.
- Brown, P.A., and Carman, J.B.: Cerebellar decussation of fibres from the nucleus reticularis tegmenti pontis in the brain of the albino rat, 1039.
- Burns, J.T., and Meier, A.H.: Profound hypothermia in golden hamsters (*Mesocricetus auratus*) induced by serotonergic potentiating and noradrenergic inhibiting drugs, 607.
- Chen, W.F., Duckett, S., and Goldsmith, H.S.: Inter omental-cerebral vascularization induced by omental graft to the rat brain, 855.
- Concu, A., Carcassi, A.M., Piras, M.B., Blanco, S., and Argiolas, A.: Evidence for a correlation between the latency of an early component of auditory evoked potentials and the brain levels of serotonin in albino rats, 375.
- Contestabile, A., Ercolessi, M., and Bellucci, A.: Acetylcholinesterase decrease in the optic lobe after unilateral eye deprivation, 759.
- Danieli Betto, D., and Midrio, M.: Effects of the spinal cord section and of subsequent denervation on the mechanical properties of fast and slow muscles, 55.
- Danieli Betto, D., Volpin, L., and Midrio, M.: Effects of disuse and nerve stump length on the development of fibrillation in denervated soleus muscle, 1582.
- Das, G.D., and Hallas, B.H.: Transplantation of brain tissue in the brain of adult rats, 1304.
- DeFeudis, F.V.: Can the binding of GABA, glycine and β -alanine to synaptic receptors be determined in the presence of a physiological concentration of Na^+ ?, 1314.
- DeFeudis, F.V., Orensanz Muñoz, L.M., Vidal, M.A., Corrochano, G., and Sanchez del Alamo, M.: High-affinity binding of β -alanine to cerebral synaptosomes might involve glycine-receptors, 1169.
- del Pozo, F., DeFeudis, F.V., and Jimenez, J.M.: Motilities of isolated and aggregated mice: A difference in ultradian rhythmicity, 1302.
- Dunn, J.D., Castro, A.J., and McNulty, J.A.: Failure of medical forebrain bundle or raphe ablation to alter the daily temperature rhythm of the rat, 1588.
- Eberstein, A., Goodgold, J., and Johnston, R.: Clofibrate-induced myotonia in the rat, 1607.
- Ekström, Jörgen: Acetylcholine synthesis and its dependence on nervous activity, 1247.
- Engen, R.L., and Klemm, W.R.: Large regional and strain differences in rat brain sialic acid and 2-deoxyribose, 368.
- Eshel, Y., Korczyn, A.D., Kutz, I., Elizur, A., Rabinowitz, R., and Gitter, S.: Effect of electroconvulsive treatment on serum dopamine-beta-hydroxylase activity in man, 212.
- Featherstone, J.W., and Reisin, S.: Is chemical memory transfer due to shock or behavior training?, 854.
- Flumerfelt, B.A.: Organization of the mammalian red nucleus and its interconnections with the cerebellum, 1178.
- Fraeyman, N.H., De Potter, W.P., and De Schaepdryver, A.F.: Subcellular localization of noradrenaline and ATP in C_{1300} mouse neuroblastoma, 1210.
- Franchini, I., Cavatorta, A., D'Errico, M., De Santis, M., Romita, G., Gatti, R., Javarra, G., and Palla, G.: Studies on the etiology of the experimental neuropathy from industrial adhesive (glues), 250.
- Frey, Rudolf, and Abdulla, Walied: Acupuncture: Its neurophysiological basis. An anaesthetist's foreword, 963.
- Fuller, P.M.: Origin and course of an afferent component of the facial nerve within the central nervous system, 1181.
- García-Gracia, M., Gervás-Camacho, J., and DeFeudis, F.V.: Effect of desipramine on the contents of some free amino acids of mouse brain, 227.
- García-Segura, L.M., Martínez-Rodríguez, R., and Martínez-Murillo, R.: Separation of specific fractions of synaptosomes by affinity chromatography, 1598.
- Golenhofen, K., and Hannappel, J.: A tonic component in the motility of the upper urinary tract (renal pelvis-ureter), 64.
- Gröflin, U.B., and Thölen, H.: Cerebral edema in the rat with galactosamine induced severe hepatitis, 1501.
- Gutiérrez-Rivas, E., Andrés, I. de, Gómez-Montoya, J., and Reinosu-Suárez, F.: The influence of the rostromedial-ventrolateral region on the sleep-wakefulness cycle, 61.
- Haley, J.E., Stefano, G.B., and Catapane, E.J.: Correlation between acidic phospholipids and serotonin and between lysolecithin and dopamine in ganglia of the marine mussel, *Mytilus edulis*, 210.
- Hansen, J., and Ord, T.: Effects of 6-hydroxydopamine on rat carotid body chief cells, 1357.
- Hasegawa, K.: A new method of measuring functional recovery after crushing the peripheral nerves in unanesthetized and unrestrained rats (Pro experimentis), 272.
- Jevning, R., Wilson, A.F., and Smith, W.R.: The transcendental meditation technique, adrenocortical activity, and implications for stress, 618.
- Kallen, F.C.: Overview of circulation in the wing membrane, 1398.
- Kataoka, S., Williams, T.H., Sandquist, D., and Sahu, S.K.: Electronmicroscopic identification of type C particles in cultured murine neuroblastoma, 879.
- Kawa, A., Ryu, S., Taniguchi, Y., Mizuguchi, K., Maeda, Y., Ariyama, T., Kamisaki, K., Koreeda, F., and Kanehisa, T.: The effects of microinjection of carbachol or hemicholinium into the amygdala on the levels of plasma and adrenal corticosterone in rats, 814.
- Keren, O., and Korczyn, A.D.: Asymmetry of turning behaviour of rats induced by amphetamine and apomorphine, 616.
- Khan, M.A.: Histochemical characterization of the red fibres in pigeon pectoralis muscle, 784.
- Kobayashi, H., Hasegawa, K., Tanaka, M., and Kikuno, M.: Changes in cholinesterase activity of muscle after crushing the sciatic nerve of rats, 750.
- Kováč, L., Peterajová, E., and Pogády, J.: Behaviour of *Drosophila melanogaster* is affected by drugs, 604.
- Malhotra, R.K., Dhillon, S., and Katoch, S.S.: Alkaline phosphatase activity in normal and denervated skeletal muscle, 1206.
- Manocha, S.L., and Sharma, S.P.: Lipofuscin accumulation in squirrel monkey spinal cord consequent to protein malnutrition during gestation, 377.
- Matsuno, T., Shirasawa, N., Umino, Y., Katow, S., and Shishido, A.: Susceptibility of chick neural retina to viral multiplication in vitro during embryonic development, 54.
- Messier, Paul-Emil: Microtubules, interkinetic nuclear migration and neurulation, 289.
- Micic, D., Swink, M.E., Klatzo, I., and Spatz, M.: Transient ischemic alteration of synaptosomal neutral amino acid uptake, 1461.
- Nandi Majumdar, A.P., and Nakhla, A.M.: Pentagastrin induction of acetylcholinesterase activity in cerebral cortex of rats, 974.
- Pollack, J.G., and Winters, R.W.: Effect of adaptation level on maintained firing and sensitivity in receptive field center of X and Y cells, 80.
- Reader, T.A.: The effects of dopamine, noradrenaline and serotonin in the visual cortex of the cat, 1586.
- Rolf, R.H., Matz, D.R., and Brune, G.G.: Serotoninstoffwechsel bei chronischem Alkoholismus, 74.
- Sane, A.S., and Kukreti, S.C.: Effect of preoperative stress on serum cholesterol level in humans, 213.
- Schipp, R.: Morphological specializations: Ultrastructural, 1410.
- Schwartzman, R.J., Kogure, K., and Busto, R.: The sequential uptake of (^{14}C) deoxyglucose in brain after embolic stroke, 1175.
- Shapovalov, A.I., and Shiriaev, B.I.: Modulation of transmission in different electronic junctions by aminopyridine, 67.
- Snider, R.S., Thomas, W., and Snider, S.R.: Focal brain hyperthermia. I. The cerebellar cortex, 479.
- Srivastava, C.B.L., Seal, M., Das, P.K., and Gopesh, A.: Anatomical identification of the presumed electroreceptors of two air breathing catfishes, *Clarias batrachus* and *Heteropneustes fossilis*, 1345.

- Stefano, G.B., and Aiello, E.: Distribution of radioactivity after administration of ^3H -5-hydroxytryptamine by three different routes to the mussel *Mytilus edulis*, 749.
- Stone, B.F., Binnington, K.C., and Neish, A.L.: Norepinephrine as principal catecholamine in a specific neurone of an invertebrate (*Boophilus microplus*: Acarina), 1173.
- Taylor, D.P., and Newburgh, R.W.: Ionic effects on cyclic nucleotide accumulation in a phytophagous insect, 695.
- Unsicker, K., and Gröschel-Stewart, U.: Distribution of contractile proteins and adrenergic nerves in the adrenal gland of guinea-pig, rat and ox as revealed by immunofluorescence and the glyoxylic acid technique, 102.
- Vincent-Ablazey, M., Baker, T., and Lowndes, H.E.: Motor nerve terminal defect following tenotomy, 1479.
- Weidmann, Silvio: Work in progress at the Shanghai Institute of Physiology, Division of Acupuncture, 964.
- Pharmacologica, Toxicologica, Pathologica**
- Acosta, D., Puckett, Marianne, and McMillin, R.: Ischemic myocardial injury in cultured heart cells: In situ lysosomal damage (Pro experimentis), 1388.
- Adams, W.B., Drummond, A.H., and Levitan, I.B.: Dopamine currents in cell R15 of *Aplysia*, 921.
- Adekunle, A.A., Campbell, T.C., and Campbell, S.C.: Aflatoxin metabolism and absence of cytochrome P-450 in rat colon tissue during vitamin A malnutrition, 230.
- Agostini, C.: Effect of sodium octanoate on leucine incorporation into protein of rat liver slices and of Yoshida ascites hepatoma cells, 232.
- Aguas, A.P., Soares, J.O., and Moura Nunes, J.F.: Autophagy in mouse hepatocytes induced by lysine acetylsalicylate, 1618.
- Ajdačić, V., and Veljković, V.: Antibiotic activity of organic compounds and their average quasi-valence number, 633.
- Akasu, T., Ohta, Y., and Koketsu, K.: The effect of adrenaline on the electrogenic Na^+ pump in cardiac muscle cells, 488.
- Algeri, A., Consolazione, A., Calderini, G., Achilli, G., Puche Canas, E., and Garattini, S.: Effect of the administration of (d-Ala) methionine-enkephalin on the serotonin metabolism in rat brain, 1488.
- Althaus, F., Sinclair, J.F., Sinclair, P., and Meyer, U.A.: Serum-free hepatocyte culture: Evidence for de novo synthesis of multiple forms of cytochrome P450, 921.
- Anhut, H., Peskar, B.A., Wachter, W., Gräbbling, B., and Peskar, B.M.: Radioimmunological determination of prostaglandin D_2 synthesis in human thrombocytes, 1494.
- Argiolas, A., and Fadda, F.: A radioenzymatic method to measure picogram amounts of dopamine and 3,4-dihydroxyphenylacetic acid (DOPAC) in small samples of brain tissue, 739.
- Asakawa, Y., Toyota, M., and Takemoto, T.: New aromatic esters of the liverwort, *Trichocolea tomentella*, 155.
- Atkinson, J., Peters-Haefeli, L., and Peters, G.: 'Permissive' role of the beta-adrenergic system in drinking induced by circulating renin, 921.
- Balcar, V.J., Borg, J., and Mandel, P.: Effects of ions, analogs and drugs on high-affinity uptake of taurine by glial and neuronal cells, 922.
- Bannon, M.J., and Jarboe, C.H.: Reconsideration of a test for dopaminergic stimulation: Inability of apomorphine to induce mouse jumping, 767.
- Barrigón, S., Tamargo, J., and García de Jalón, P.D.: Interaction of cocaine and bunaphtide on the ^3H -norepinephrine uptake mechanism on isolated left atrium of guinea-pig, 770.
- Baumann, P.A., and Waldmeier, P.C.: The effects of the blockade of presynaptic α -receptors by yohimbine and mianserine on the levels of 4-hydroxy-3-methoxyphenylethylglycol sulphate (MOPEG- SO_4) in different brain regions of the rat: Influence of mianserine on daily rhythm in MOPEG- SO_4 level, 922.
- Benova, D., and Baev, I.: Protection of the mouse from genetic radiation damage by an optimal-dose-ratio combination of ATP, AET, and serotonin, 876.
- Beretz, A., Anton, R., and Stoclet, J.C.: Flavonoid compounds are potent inhibitors of cyclic AMP phosphodiesterase, 1054.
- Bertolini, A., Genedani, S., and Castelli, M.: Behavioural effects of naloxone in rats, 771.
- Beubler, E., and Juan, H.: Is the effect of diphenolic laxatives mediated via release of prostaglandin E_2 , 386.
- Bhatti, R.A., Ablin, R.J., Guinan, P.D., Totonchi, E., and Zamora, S.: Effect of diethylstilboestrol diphosphate on tumour-associated immunity in prostatic cancer. A preliminary report, 1364.
- Bickel, M.H., and Römer, J.: Interaction of chlorpromazine with organic solvents and fatty acids as studied by UV-spectrophotometry, 1047.
- Biewald, N., and Billmeier, J.: Blood volume and extracellular space (ECS) of the whole body and some organs of the rat (Pro experimentis), 412.
- Bligh, J., Silver, A., Bacon, M., and Smith, C.A.: Thermoregulatory effects on the sheep of intracerebroventricular injections of L-glutamic acid, 370.
- Bligh, J., Silver, Ann, Smith, C.A., and Bacon, M.J.: The effects on thermoregulation of intracerebroventricular injections of L-aspartic acid in the sheep, 1043.
- Bolton, G.C., and Griffiths, L.A.: Metabolism of hydrazines and hydrazides by the intestinal microflora, 1484.
- Bonora, A., and Borea, P.A.: Separation and quantitative determination of imipramine and desipramine from rat biological samples by high pressure liquid chromatography, 1486.
- Bowery, N.G., Collins, J.F., Hudson, A.L., and Neal, M.J.: Isoguvacine, isonipepic acid, muscimol and N-methyl isoguvacine on the GABA receptor in rat sympathetic ganglia, 1193.
- Brown, J., Lewis, Vivien, Brown, M.W., Horn, G., and Bowes, J.B.: Amnesic effects of intravenous diazepam and lorazepam, 501.
- Brune, K., and Hecker, E.: The tumor promoting action of diterpene esters in vivo correlates with their potency to release prostaglandins from macrophages in vitro, 922.
- Burckhardt, Ruth, and Peters, G.: Influence of sex hormones on oral consumption of, tolerance to and dependence on morphine under 'crowded' and 'uncrowded' housing conditions in the rat, 922.
- Burkard, W.P.: Specificity of histamine-sensitive adenylate cyclase and its blockade by H_2 -receptor antagonists, 922.
- Burns, J.T., and Meier, A.H.: Profound hypothermia in golden hamsters (*Mesocricetus auratus*) induced by serotonergic potentiating and noradrenergic inhibiting drugs, 607.
- Bussiére-Lebœuf, C., Merle, L., Dangoumau, J., and Balabaud, C.: Influence of phenylbutazone on bile flow in the rat, 628.
- Cariello, L., De Nicola Giudici, M., Zanetti, L., and Prota, G.: Neobonellin, a new biologically active pigment from *Bonellia viridis*, 1427.
- Carruba, M.O., Picotti, G.B., and Da Prada, M.: Effect of general anesthetics on plasma catecholamine concentrations, 923.
- Chandhary, L.R., Ya. Kon', I., and Pokrovsky, A.A.: Activity of phospholipases A and some lysosomal enzymes in rat testes at different stages of hypervitaminosis A, 991.
- Chapco, W., and Fuzeau-Braesch, S.: The toxic effects of certain mutagenic substances on three species of acridids, 1623.
- Chegwidden, R., Rogers, H.J., and Spector, R.G.: The influence of aromatic amines and folate on acid production by *Escherichia coli*, 497.
- Cho, C.H., and Ogle, C.W.: Does increased gastric mucus play a role in the ulcerprotecting effects of zinc sulphate?, 90.
- Cho, C.H., and Ogle, C.W.: Histamine H_1 - and H_2 -receptor-mediated gastric microcirculatory effects in the aetiology of stress ulceration in the rat stomach, 1294.
- Chowdhury, A.R., Deshmukh, M.B., Nashikkar, A.B., Raghuvveran, C.D., and Chatterjee, A.K.: Cellular changes of adrenal under the acute stress of O-chlorobenzylidene malononitrile (CS), 494.
- Chowdhury, A.R., Deshmukh, M.B., Raghuvveran, C.D., Nashikkar, A.B., and Chatterjee, A.K.: Histological changes in thyroid of rat under the acute exposure of O-chloro-benzylidene malononitrile, 1327.
- Classen, W., and Bättig, K.: Tolerance and cross-tolerance to the effects of nicotine and amphetamine on food intake and body weight, 923.
- Coleman, R., and Silbermann, M.: Erythrocytes within pancreatic B-cells of corticosteroid-treated mice, 1049.
- Concu, A., Carcassi, A.M., Piras, M.B., Blanco, S., and Argiolas, A.: Evidence for a correlation between the latency of an early component of auditory evoked potentials and the brain levels of serotonin in albino rats, 375.
- Cook, D.E.: Effect of vasectomy on hepatic drug metabolism, 315.
- Dantzer, R.: Increased resistance to satiation in diazepam-treated pigs, 81.
- Da Prada, M., and Picotti, G.B.: Storage site and concentration of catecholamines in blood platelets, 928.
- Da Prada, M., and Zürcher, G.: Simultaneous radioenzymatic assay of adrenaline (A), noradrenaline (NA) and dopamine (DA): Recent improvements, 928.
- DeFeudis, F.V.: Can the binding of GABA, glycine and β -alanine to synaptic receptors be determined in the presence of a physiological concentration of Na^+ ?, 1314.

- DeFeudis, F.V., Orensanz Muñoz, L.M., Vidal, M.A., Corrochano, G., and Sanchez del Alamo, M.: High-affinity binding of β -alanine to cerebral synaptosomes might involve glycine-receptors, 1169.
- del Pozo, F., DeFeudis, F.V., and Jimenez, J.M.: Motilities of isolated and aggregated mice: A difference in ultradian rhythmicity, 1302.
- Deuchar, Elizabeth M.: Effects of streptozotocin on early rat embryos grown in culture, 84.
- Dixon, A.K.: Changes in the social behaviour of mice after antidepressants and neuroleptics, 923.
- Doherty, R.A., Gates, A.H., Sewell, C.E., and Freer, C.: Methylmercury sexual dimorphism in the mouse, 871.
- Donovan, D.H., and Menzel, D.B.: Mechanisms of lipid peroxidation: Iron catalyzed decomposition of fatty acid hydroperoxides as the basis of hydrocarbon evolution in vivo, 775.
- Douglas, J.F., and Hohing, T.L.: GLC determination of beta-histidine in serum, 499.
- Drummond, A.H., Bucher, Franziska, and Levitan, I.B.: ^3H -LSD labels, a novel dopamine receptor in molluscan ganglia, 923.
- Duncan, C.J.: Role of intracellular calcium in promoting muscle damage: a strategy for controlling the dystrophic condition, 1531.
- Eberstein, A., Goodgold, J., and Johnston, R.: Clofibrate-induced myotonia in the rat, 1607.
- Eiden, L.E., and Ruth, J.A.: Chemical and photooxidation of thiothixene (Navane®): Structure of the thiothixene fluorophor, 1062.
- Eigenmann, R., Gerold, M., and Haeusler, G.: Cardiovascular effects of calcium antagonists in chronically instrumented, conscious dogs, 923.
- Erttmann, R.R.: Kinetics and inotropic action of probenecid in guinea-pig heart in vitro, 1620.
- Evans, R.H., and Hill, R.G.: GABA-mimetic action of etomidate, 1325.
- Farges, J.P., Lièvre, M., Ollagnier, M., and Faucon, G.: Are anticholinergic effects responsible for the heterogeneous quinine-induced modifications of heart muscle refractoriness?, 631.
- Fast, P.G., Murphy, D.W., and Sohi, S.S.: *Bacillus thuringiensis* δ -endotoxin: Evidence that toxin acts at the surface of susceptible cells, 762.
- Feer, H., Wirz-Justice, A., Kräuchi, K., and Lichtsteiner, M.: Chronic application of serotonergic drugs does not modify serotonin receptor binding, 923.
- Flickiger, E., Briner, U., Doepfner, W., Kovacs, E., Marbach, P., and Wagner, H.R.: Prolactin secretion inhibition by a new 8 α -amino-ergoline, CH-29-717, 1330.
- Franchini, I., Cavatorta, A., D'Errico, M., De Santis, M., Romita, G., Gatti, R., Juvarrà, G., and Palla, G.: Studies on the etiology of the experimental neuropathy from industrial adhesive (glues), 250.
- Fuji, K., Fujita, E., Takaishi, Y., Fujita, T., Arita, I., Komatsu, M., and Hiratsuka, N.: New antibiotics, trichopolyns A and B: Isolation and biological activity, 237.
- Furuta, H.: Cadmium effects on bone and dental tissues of rats in acute and subacute poisoning, 1317.
- Garcia-Gracia, M., Gervas-Camacho, J., and DeFeudis, F.V.: Effect of desipramine on the contents of some free amino acids of mouse brain, 227.
- Gassel, W.D., Laukel, H., Braun, R., and Wolf, G.: The influence of a new antitumor agent on hemopoietic colony forming cells, 765.
- Gerold, M., Eigenmann, R., and Haeusler, G.: The measurement of some cardiovascular parameters in chronically instrumented dogs, 924.
- Ghisalberti, E.L., Jefferies, P.R., Lanteri, R., and Matisons, J.: Constituents of propolis, 157.
- Ghosal, S., Banerjee-Chakrabarti, S., Chakrabarti, D.K., and Basu-Chaudhary, K.C.: Toxic substances produced by *Fusarium* VI. Anti-*F. oxysporum* f. sp. *carthami* effect of 2,2',4-trihydroxybenzophenone, 229.
- Ghosal, S., Banerjee, S., Chattopadhyay, B.K., Srivastava, R.S., and Chakrabarti, D.K.: Toxic substances produced by *Fusarium*. VII. Control of fusarial wilt of safflower by root exudates and extractives of *Ruellia tuberosa*, 1057.
- Gigon, P.L., and Bickel, M.H.: Interference of rat liver microsomal UDP-glucuronyltransferase (GT) and β -glucuronidase (β G), 924.
- Giudicelli, Y., Brullé, D., and Nordmann, R.: Modification of theophylline-induced lipolysis in human fat cells after trypsination, 161.
- Givant, Y., and Sulman, F.G.: Quantitation of nitroglycerin in human blood after administration by sustained release, 643.
- Glinskun, T., Taycharpipranai, S., and Toskulkao, C.: Aflatoxin B₁ hepatotoxicity in rats pretreated with ethanol, 869.
- Gomes da Costa, A.: Filamentous bodies in human glomerulonephritis, 82.
- Gong, J.K., and DeLuca, C.: Infusion at constant rate in vivo (Pro experimentis), 672.
- Göthert, M., and Rieckesmann, J.-M.: Inhibition of noradrenaline release from sympathetic nerves by pentobarbital, 382.
- Graf, M., and Pletscher, A.: Pharmacological characterization of the 5-hydroxytryptamine (5HT) receptor of blood platelets, 924.
- Gröflin, U.B., and Thölen, H.: Cerebral edema in the rat with galactosamine induced severe hepatitis, 1501.
- Gryglewski, R.J., and Nicolaou, K.C.: A triple test for screening biological activity of prostacyclin analogues, 1336.
- Gulati, O.P., Liard, J.F., and Dray, F.: Effects of anaesthesia and chronic catheterization on circulating levels of prostaglandins (PGE₂ and PGF_{2 α}) in dogs, 772.
- Haas, H.L., and Siegfried, J.: Intracellular recording from cortical slices of rat and man in vitro: Action of diazepam, 924.
- Haeusler, G.: The nucleus of the solitary tract, a site of action of clonidine, 924.
- Halberg, F., Lee, Jung Keun, and Nelson, W.: Time-qualified reference intervals - chronodesms, 713.
- Hanks, C.T., and Smith, E.O.: The inhibitory effects of a dermal extract upon granulation tissue, 635.
- Hauser, K.: Beta-dependent-alpha-stimulated adenylyl cyclase in rat cerebral cortex, 924.
- Hiley, C.R., Yates, M.S., and Back, D.J.: The effect of urethane and pentobarbital anaesthesia and hepatic portal vein catheterization on liver blood flow in the rat, 1061.
- Holderegger, Ch., and Bechter, R.: A reliable method for obtaining longitudinal sections of sperms for electron microscopy (Pro experimentis), 1386.
- Honegger, U.E.: A simple microfiltration device for binding studies, 925.
- Howd, R.A., Adamovics, A., and Palekar, A.: Naloxone and intestinal motility, 1310.
- Hull, C.D., Buchwald, N.A., and Herrling, P.L.: The effect of glutamate on the membrane potential of cat caudate neurons, 925.
- Inglot, Anna D., and Oleszak, Emilia: Effect of non-steroidal anti-inflammatory drugs on Moloney sarcoma virus inoculated mice, 1615.
- Ishitani, R., and Miyakawa, A.: Butanol extracts from myelin fragments. III. SDS-urea gel electrophoretic studies, 1605.
- Ishitani, R., Tobari, Y., Miyakawa, A., and Iwamoto, T.: Butanol extracts from myelin fragments. IV. Some interactions between 5-hydroxytryptamine and other neurotransmitters binding, 1628.
- Iso, T., Yamauchi, H., Suda, H., Nakajima, N., Nishimura, K., and Iwao, J.: Potentiation effects of sulfhydryl compounds on carageenin-induced oedema in rats and relationship to their potencies as inhibitors of angiotensin-converting enzyme in vivo, 1202.
- Jaggi, W., Lutz, W.K., and Schlatter, Ch.: Comparative studies on the covalent binding of the carcinogen benzo(a)pyrene (BP) to DNA in various model systems, 925.
- Jakubovic, A., McGeer, E.G., and McGeer, P.L.: Effects of d1-methadone and morphine on developing chick embryo, 1617.
- James, Victoria A., Krogsgaard-Larsen, P., and Walker, R.J.: The action of conformationally restricted analogues of GABA on *Limulus* and *Helix* central neurones, 1630.
- Jaussi, R., and Kunz, P.A.: Isolation of the major toxic protein from the skin venom of the crested newt, *Triturus cristatus*, 503.
- Jemmali, M., Ueno, Y., Ishii, K., Frayssinet, C., and Etienne, M.: Natural occurrence of trichothecenes (nivalenol, deoxynivalenol, T₂) and zearalenone in corn, 1333.
- Joss, U., and Schenkel, L.: Aldosterone antagonists: Comparison of biological activity as potassium-sparing diuretics with affinity to receptors in the kidney of adrenalectomized male rats, 925.
- Juorio, A.V.: The occurrence of para-octopamine in the hypothalamus of the domestic fowl: Effects of drugs on its storage and metabolism, 1329.
- Kaesermann, H.P., and Peters, G.: The nature of beta-adrenergic receptors involved in isoprenaline-induced drinking, 925.
- Kaesermann, H.P., and Peters, G.: 'Permissive' role of plasma renin in beta-adrenergic drinking, 926.
- Kambara, T., Hirata, M., and Hiraoka, T.: Neutral proteases in the guinea-pig lymphocytes, 526.
- Kamisaka, K., Hirano, M., and Tsuru, M.: Purification of acidic Z protein from human liver, 1265.
- Karen, P., Pohlóvá, I., and Jelinek, J.: Influence of age on the renal renin response to a high salt intake in the rat, 622.

- Kashyap, M.L., Mendoza, S.G. de, Campbell, M., Chen, C.Y., Luter, R.F., and Glueck, C.L.: Lipoprotein lipase activator deficiency in very low density lipoproteins in rat nephrotic syndrome, 1044.
- Kataoka, S., Williams, T.H., Sandquist, D., and Sahu, S.K.: Electronmicroscopic identification of type C particles in cultured murine neuroblastoma, 879.
- Kato, L., Mankiewicz, E., and Thököly, I. de: An approach for the in vitro screening of drugs for activity against leprosy, 1322.
- Kawa, A., Ryu, S., Taniguchi, Y., Mizuguchi, K., Maeda, Y., Ariyama, T., Kamisaki, K., Koreeda, F., and Kanehisa, T.: The effects of microinjection of carbachol or hemicholinium into the amygdala on the levels of plasma and adrenal corticosterone in rats, 814.
- Keller, H.H., Bonetti, E.P., and Da Prada, M.: Lisuride-induced mounting behaviour and changes in cerebral monoamine turnover in the rat depend on the route of drug administration, 926.
- Keren, O., and Korczyn, A.D.: Asymmetry of turning behaviour of rats induced by amphetamine and apomorphine, 616.
- Khan, M.A.: Histochemical characterization of the red fibres in pigeon pectoralis muscle, 784.
- Kistler, A.: Inhibition of vitamin A action in rat bone cultures by inhibitors of RNA and protein synthesis, 1159.
- Klinge, E., Eränkő, O., and Sjöstrand, N.O.: Cholinergic and adrenergic innervation of the penis artery of the bull: Transmitter concentrations and synaptic vesicles, 1624.
- Kofoed, J.A., Tocci, A.A., and Barceló, A.C.: Further studies on hepatic acidic glycosaminoglycans in the Hurler syndrome, 577.
- Kováč, L., Peterajová, E., and Pogády, J.: Behaviour of *Drosophila melanogaster* is affected by drugs, 604.
- Kräuchi, K., Feer, H., Lichtsteiner, M., and Wirz-Justice, A.: Specific in vivo binding of d-LSD in rat brain, 761.
- Kräuchi, K., Lichtsteiner, M., Feer, H., and Wirz-Justice, A.: Demonstration of an in vivo d-LSD-binding method, 926.
- Kritchevsky, D., Story, J.A., and Klurfeld, D.M.: Dissolution of gallstones in hamsters by 3-hydroxy-3-methylglutaric acid, 1328.
- Kruse, Eva, and Scholz, H.: Effect of theophylline on myocardial adenylate cyclase activity, 504.
- Kumar, R.K.: Retrograde lymphatic spread of colonic carcinoma to the liver, 768.
- Kuratsuka, K., Shimazaki, Y., Funasaka, I., and Watabe, Y.: Endotoxemia and adrenaline-hyperreactive death in mice, 1483.
- Lai, F.M., and Spector, S.: Monoamine oxidase activity in tissues of spontaneously hypertensive rats, 1060.
- Lang, R.: Mammalian spot test with moxnidazole, a 5-nitroimidazole, 500.
- Laurent, J.P., and Pieri, L.: Lisuride and LSD decrease spontaneous firing of neurons in the raphe, 926.
- Li, C.K., and Mitchelson, F.: Effect of variations in temperature on antimuscarinic activity in guinea-pig atria, 641.
- Lindner, E., and Beyhl, F.E.: Induction of microsomal drug-metabolizing enzymes caused by hexobarbital, 226.
- Lobo, A., Carr, I., and Malcolm, D.: The EM immunocytochemical demonstration of lysozyme in macrophage giant cells in sarcoidosis, 1088.
- Lombardi, L., Forte, N., and Paradisi, F.: Effect of pretreatment with prednisolone on the phagocytic activity of mouse peritoneal macrophages in vitro, 1503.
- López-Novoa, J.M., Casado, S., and Hernando, L.: An escape phenomenon from water and sodium retention induced by propranolol in rats, 216.
- López-Novoa, J.M., Rengel, M.A., and Hernando, L.: Sodium excretion after bilateral adrenalectomy in rats with experimental cirrhosis, 1613.
- Lorez, H.P., Da Prada, M., Haeusler, G., and Kiss, D.: Clonidine (CL) reduces noradrenaline utilization in nucleus tractus solitarius (NTS), locus coeruleus (LC) and sympathetic lateral column (SLC), 926.
- Lüthy, J., Zweifel, U., and Schlatter, Ch.: The metabolism of (¹⁴C)-aflatoxin B₁ in pigs, 926.
- Lutz, W.K., Brändle, E., and Zbinden, G.: Effect of gum Arabic on aminopyrine demethylation in rats, 1609.
- Lutz, W.K., and Schlatter, Ch.: In vivo covalent binding of chemicals to DNA as a short-term test for carcinogenicity, 927.
- Lykke, A.W.J., and Stewart, B.W.: Fibrosing alveolitis (pulmonary interstitial fibrosis) evoked by experimental inhalation of Gasoline vapours, 498.
- Maes, J., and Gerber, G.B.: Increased ALA dehydratase activity and spleen weight in lead-intoxicated rats. A consequence of increased blood cell destruction, 381.
- Magistretti, P., and Schorderet, M.: Pharmacological and binding studies of retinal dopamine receptors, 927.
- Maier, P., Manser, P., and Zbinden, G.: Detection of chemically induced point mutations in vivo in somatic cells of rats (Granuloma Pouch Assay), 927.
- Malhotra, R.K., Dhir, S., and Katoch, S.S.: Alkaline phosphatase activity in normal and denervated skeletal muscle, 1206.
- Manthey, B., Lutz, W.K., L'Epattenier, E., Schlatter, Ch., and Würfler, F.: Binding of the carcinogens benzo(a)pyrene (BP) and 7,12-dimethylbenzo(a)anthracene (DMBA) to *Salmonella* DNA as compared to the corresponding mutagenicity, 927.
- Martinet, M., Fonlupt, P., and Pacheco, H.: Interaction of CDP-choline with synaptosomal transport of biogenic amines and their precursors in vitro and in vivo in the rat corpus striatum, 1197.
- Martinez-Sierra, R., Andres-Trelles, F., and Vazquez Herrero, C.: Close relation between hypothalamic and cardiac norepinephrine during stress and its role in acute myocardial infarction dysrhythmias, 1611.
- Martinmaa, J., Vanhala, Leena, and Mustakallio, K.K.: Free radical intermediates produced by autooxidation of 1,8-dihydroxy-9-anthrone (dithranol) in pyridine, 872.
- Maskarinec, M.P., Shipley, G., Novotny, M., Brown, D.J., and Forney, R.B.: Different effects of synthetic Δ⁹-tetrahydrocannabinol and cannabis extract on steroid metabolism in male rats, 88.
- Mato, M., and Aikawa, E.: Changes of profiles of neutrophil granulocytes induced with the administration of L-DOPA and prednisolone, 506.
- Matthes, G., Hackensellner, H.A., and Hartwig, A.: Successful cryopreservation of auricle fragments from rat hearts at -196°C, 1024.
- Mayer, H., Bollag, W., Hänni, R., and Rüegg, R.: Retinoids, a new class of compounds with prophylactic and therapeutic activities in oncology and dermatology, 1105.
- McElroy, J.C., and D'Arcy, P.F.: Interaction between azapropazone and warfarin, 1320.
- McGree, D.H., and Bourn, W.M.: Influence of treatment duration on audiogenic seizure susceptibility during barbiturate withdrawal in rats, 873.
- McLean, A.J., and Dowling, J.: Type III (Arthus) allergic reactions and endotoxin toxicity in guinea-pigs, 236.
- Merle, L., Dangoumau, J., and Balabaud, C.: Effect of food and light schedule on bile flow in the rat, 764.
- Michajlovskij, N., Štrbák, V., and Földes, O.: Reciprocal changes in serum free thyroxine fraction and thyrotropin level after administration of thiocyanate to rats, 409.
- Misra, S.B., and Dixit, S.N.: Antifungal properties of leaf extract of *Ranunculus sceleratus* L., 1442.
- Mizejewski, G.J.: Studies of autoimmune induction in the rat lacrimal gland, 1093.
- Molgo, J.: Voltage-clamp analysis of the sodium and potassium currents in skeletal muscle fibres treated with 4-aminopyridine, 1275.
- Münst, G.J., Ris, M.M., Bircher, J., and Wartburg, J.P. von: Pharmacokinetic basis of 1,3-butanediol (BD) administration to man, 927.
- Newsome, A.L., and Harley, J.P.: *Trichinella spiralis*: Acceleration and inhibition of cyst calcification in rats, 1567.
- Nieminen, L., Kasanen, A., Kangas, L., Sairio, E., and Anttila, M.: Renal accumulation of amikacin, tobramycin and gentamycin in the rat, 1335.
- Nistri, A., and Arenson, M.S.: Effect of piperazine on central and peripheral cholinergic synapses of the frog, 1046.
- Nydegger, H., and Stadler, H.: The effect of phenylthiocarbamide (PTC) on mouse brain development, 1319.
- Olpe, H.-R., Dillier, N., and Koella, W.P.: Activation of an inhibitory noradrenergic pathway projecting from the Locus coeruleus to the cingulate cortex, 927.
- Olpe, H.-R., and Koella, W.P.: The action of muscimol on neurons of the substantia nigra of the rat, 235.
- Ononogbu, Ikepundu C.: Effect of low density lipoprotein and high density lipoprotein on sodium dodecyl sulphate precipitation of very low density lipoprotein from human serum, 1470.
- Osborne, N.N., Neuhoft, V., Sontag, K.-H., and Wolfarth, S.: A preliminary study on the behaviour and biochemical responses subsequent to the injection of 5,6-dihydroxytryptamine into the substantia nigra of the rat, 495.
- Ošťádalová, Ivana, Babický, A., and Obenberger, J.: Cataract induced by administration of a single dose of sodium selenite to suckling rats, 222.
- Ozeki, T., Tokawa, Y., Ogasawara, T., Sato, K., and Kan, M.: The effects of hydrocortisone and glycyrrhizine on the enzyme releases of arylsulfatase and hyaluronidase from lysosomes of liver, 387.

- Painter, S.D., and Greenberg, M.J.: Elapid α -toxins have no effect on the cholinergic responses of bivalve myocardia, 1608.
- Pakrashi, Anita, and Chakrabarty, B.: Antifertility effect of aristolic acid from *Aristolochia indica* (Linn) in female albino rabbits, 1377.
- Pakrashi, Anita, and Shaha, Chandrima: Effect of methyl ester of aristolic acid from *Aristolochia indica* Linn. on fertility of female mice, 1192.
- Papageorgiou, V.P.: Wound healing properties of naphthaquinone pigments from *Alkanna tinctoria*, 1499.
- Pieri, M., Burkard, W., Keller, H., and Schaffner, R.: Behavioural and biochemical effects of the tropane derivative Ro 12-7982, 928.
- Pipy, B., Béraud, M., et Gaillard, D.: Activité phagocytaire du système réticuloendothélial du rat après administration d'un anticholinestérasique, le carbaryl, 87.
- Pliška, V.: Affinity of 1,2-substituted oxytocin analogues to the uterus receptor: Free-Wilson and Hansch analysis, 1190.
- Polc, P.: Effects of a synthetic ekephalin analogue on the cat spinal cord, 928.
- Polc, P.: Delta sleep-inducing peptide (DSIP) and the sleep-wakefulness cycle of cats, 928.
- Pope, W.D.B., and Persaud, T.V.N.: Foetal growth retardation in the rat following chronic exposure to the inhalation anaesthetic enflurane, 1332.
- Puccetti, P., Giampietri, A., and Fioretti, M.C.: Long-term depression of two primary immune responses induced by a single dose of 5-(3,3-dimethyl-1-triazeno)-imidazole-4-carboxamide (DTIC), 799.
- Radeke, E., and Delini-Stula, A.: Antitryptaminergic effects of l-propranolol, l-xiprenolol and their enantiomers in the rat, 929.
- Ráliš, Z.A.: Experimental production of local osteomalacia, 1203.
- Reinert, H., Markstein, R., and Wagner, H.: Effects of bromocriptine (I), α -ergocriptine (II) and DH- α -ergocriptine (III) on cAMP- and cGMP-phosphodiesterases (PDE) from rat brain striatum, 929.
- Reubi, J.C.: Release of newly synthesized 3 H-5-hydroxytryptamine from the rat spinal trigeminal nucleus, 929.
- Reyers, I., Donati, M.B., and Gaetano, G. de: Effect of pretreatment with acetylsalicylate on surgical bleeding and perioperative mortality in rats undergoing kidney transplantation, 664.
- Ringdahl, B., and Dahlbom, R.: Stereoselectivity of oxotremorine antagonists containing a chiral pyrrolidine group, 1334.
- Rossier, B.C., Gaggeler, H.P., and Rossier, M.: Thyroid hormone inhibition of the late aldosterone response in the urinary bladder of the toad *Bufo marinus*, 929.
- Sabag, N., Castrillón, M.A., and Tchernitchin, A.: Cortisol-induced migration of eosinophil leukocytes to lymphoid organs, 666.
- Saini, M.R., Uma Devi, P., and Yadav, S.S.: Radiation protection of bone marrow lymphocytes by 2-mercaptopyrionylglycine (MPG), 1627.
- Sajdak, A., and Shaath, N.: Neuromuscular junction blocking agents: An initial screening bioassay (Pro experimentis), 821.
- Saner, A., and Pletscher, A.: Effect of reserpine-like drugs on 5-hydroxytryptamine (5HT) synthesis in rat brain, 929.
- Sato, H., and Semba, R.: Relationship between plasma unbound-bilirubin concentration and cerebellar bilirubin content in homozygous Gunn rat sucklings, 221.
- Saxena, S.C., and Sushma: Screening of newly synthesized non-alkylating sterilant compounds against the adult *Chrotogonus trachipterus* Blanch. (Orthoptera: Acrididae), 1162.
- Schäli, Ch., and Roch-Ramel, Françoise: Uptake of allantoin by rabbit renal cortical slices, 929.
- Schlatter, J., and Bättig, K.: Differential drug effects on rat strains and activity measures, 930.
- Schmid, B., and Zbinden, G.: Unscheduled DNA synthesis (UDS) in rabbit germ cells induced by methyl methanesulfonate (MMS), 930.
- Schmidt, W., and Jähnchen, E.: Species-dependent stereospecific serum protein binding of the oral anticoagulant drug phenprocoumon, 1323.
- Schmutz, M., Olpe, H.-R., and Koella, W.P.: Central actions of valproate sodium, 930.
- Schoental, R., Joffe, A.Z., and Yagen, B.: Irreversible depigmentation of dark mouse hair by T-2 toxin (a metabolite of *Fusarium sporotrichioides*) and by calcium pantothenate, 763.
- Schumacher, K.A., and Starke, K.: Bradykinin-induced stimulation of cardiac parasympathetic ganglia, 223.
- Sedmak, P.A., Sedmak, D., Fritz, H.I., and Peterson, G.R.: Myelination in chronically-alcoholic mice, 1059.
- Segal, M., Edelstein, E.L., and Lerer, B.: Interaction between delta-6-tetrahydrocannabinol (delta-6-THC) and lithium at the blood brain barrier in rats, 629.
- Seidel, G., and Endell, W.: Prolonged action of drugs in rats with flavonoid-deficiency, 1614.
- Selmeci, L., Szepesházi, K., Pösch, E., and Hársing, L.: Suramin stimulates renal growth in the rat, 219.
- Seregi, A., Schaefer, A., and Komlós, Márta: Protective role of brain ascorbic acid content against lipid peroxidation, 1056.
- Sheid, B.: Morphological effects of estrogen on the female rat liver nucleolus, 877.
- Sherry, C.J., and Burnett, R.E.: Enhancement of ethanol-induced sleep by whole oil of nutmeg, 492.
- Shikimi, T., Inagaki, C., and Takaori, S.: Role of catechol structure in the inhibitory effects of D-isomers of amino acids on the decarboxylation of L-5-hydroxytryptophan, 1188.
- Shimamura, T.: Effects of inflammatory mediators on the glomerular localization of intravenously administered ferritins, 1196.
- Siegers, C.-P.: Influence of dithiocarb on the biliary excretion of paracetamol and bilirubin in rats, 1318.
- Silberbauer, K., Sinzinger, H., Winter, Maya, Feigl, W., and Ring, F.: Prostacyclin-like activity of endothelium and subendothelium - important for atherosclerosis?, 1471.
- Skandhan, K.P., Skandhan, S., and Mehta, Y.B.: Semen electrolytes in normal and infertile subjects. II. Zinc, 1476.
- Smith, D.C., and El-Hage, A.: Effect of exercise training on the chronotropic response of isolated rat atria to atropine, 1027.
- Smith, D.F.: Learned aversion and rearing movement in rats given LiCl, PbCl₂ or NaCl, 1200.
- Soubrié, P., Thiébot, M.H., and Jobert, A.: Picrotoxin-diazepam interaction in a behavioural schedule of differential reinforcement of low rates, 1621.
- Spenny, J.G.: Gastrin stimulated H⁺ secretion in amphibian gastric mucosa: Effect of tetrodotoxin, 625.
- Steigrad, P., Tober, I., and Borbély, A.A.: Effects of p-chlorophenylalanine on specific serotonin-binding and serotonin level in rat brain, 930.
- Stoklasová, A., Křížala, J., and Chmelaf, V.: The influence of simultaneously administered mexamine on the distribution of cystamine- 35 S, 870.
- Stopp, M., Hartwich, R., and Bräunlich, H.: Enhancement of p-aminohippurate accumulation in renal cortical slices after repeated administrations of various organic anionic drugs to rats of different ages, 1493.
- Székely, M.: 5-Hydroxytryptamine induced changes in body temperature of newborn kittens and guinea-pigs and the effect of indomethacin thereon, 58.
- Takano, S., Aikawa, T., Oishi, T., Goto, M., Tamura, O., and Suzuki, T.: Inhibitory effect of tiaramide on ADP-induced aggregation in rabbit platelets, 1063.
- Takeuchi, H., and Tamura, H.: Current(I)-voltage(V) relationships of the neuromembrane of an identifiable giant neurone of an African giant snail (*Achatina fulica* Férussac) in the presence of an inhibitory tripeptide, L-Lys-L-Phe-L-Tyr, 1052.
- Taylor, D.A., and Stone, T.W.: Neuronal responses to extracellularly applied cyclic AMP: Role of the adenosine receptor, 481.
- Thomson, A.W., Pugh-Humphreys, R.G.P., Tweedie, D.J., and Horne, C.H.W.: Effects of the antiprotease Trasylol® on peripheral blood leucocytes, 528.
- Thorens, S., and Haeusler, G.: Effects of some vasodilators on Ca-fluxes in vascular smooth muscle, 930.
- Thureson-Klein, Åsa, Wang-Yang, Jen, and Ko, I.K.: Lipid accumulation in mouse hepatocytes after morphine exposure, 773.
- Titeler, M., and Seeman, P.: Antiparkinsonian drug doses and neuroleptic receptors, 1490.
- Tobler, I., Toszeghi, P., and Borbély, A.A.: Cerebral ventricular infusion of artificial CSF and excess calcium: Effects on sleep in the rat, 930.
- Tripathi, R.D., Srivastava, H.S., and Dixit, S.N.: A fungitoxic principle from the leaves of *Lawsonia inermis* Lam., 51.
- Trost, W., and Halbach, G.: Anti-phalloidine and anti- α -amanitine action of silybin in comparison with compounds similar to structural parts of silybin, 1051.
- Ueno, I., and Chu, F.S.: Modification of hepatotoxic effects of aflatoxin B₁ in rabbits by immunization, 85.
- Uma Devi, P., and Saharan, B.R.: Chemical protection of mouse spermatocytes against gamma-rays with 2-mercaptopyrionylglycine, 91.
- Valenzuela, G., Hodgson, B.J., and Harper, M.J.K.: Endotoxin-induced acceleration of ovum transport in rabbits, 388.
- Van Went, G.F.: Mutagenicity testing of 3 hallucinogens: LSD, psilocybin and Δ^9 -THC, using the micronucleus test, 324.

- Vapaatalo, H., Lindén, Inge-Britt, Metsä-Ketelä, T., Kangasaho, M., and Laustiola, K.: Effect of carbenoxolone on phosphodiesterase and prostaglandin synthetase activities, 384.
- Vardanis, A.: Polyoxin fungicides: Demonstration of insecticidal activity due to inhibition of chitin synthesis, 228.
- Veljković, V., and Ajdačić, V.: Cytostatic activity of organic compounds and their average quasi-valence number, 639.
- Venkateswarlu, D., Surendra Reddy, K.V., and Sasira Babu, K.: Effect of the scorpion, *Heterometrus fulvipes* (C. Koch), venom on some enzyme systems in rat (albino) tissues, 233.
- Vigouret, J.M., Jaton, A.L., Wagner, H.R., and Loew, D.M.: Attempt to correlate effects of ergot derivatives with central dopaminergic stimulant properties in functional tests, 931.
- Viviani, A., and Lutz, W.K.: Modulation of the in vivo binding of the carcinogen benzo(a)-pyrene (BP) to rat liver DNA by selective induction of microsomal or nuclear aryl hydrocarbon hydroxylase activity (AHH), 931.
- Waldmeier, P.C., and Maître, L.: Attenuation by scopolamine of the increase in dopamine turnover by neuroleptics: Quantitation of their anticholinergic properties, 931.
- Wangai, J., Ng'ang'a, J.N., Njoroge, D., Thairu, K., and Telang, B.V.: Centrally acting hypotensive fraction in the venom of *Dendroaspis angusticeps*, 874.
- Weber, J., and Hecker, E.: Cocarcinogens of the diterpene ester type from *Croton flavens* L. and esophageal cancer in Curaçao, 679.
- Weinshilboum, R.M., Dunnette, J., Raymond, F., and Kleinberg, F.: Erythrocyte catechol-O-methyltransferase and plasma dopamine- β -hydroxylase in human umbilical cord blood, 310.
- White, T.G.: The 'psychological refractory period' in the rat: A measure of central information processing, 931.
- Will, P.C., and Noteboom, W.D.: The metabolism of methadone by cultured mammalian cells, 217.
- Wold, J.S., and Miller, Brenda L.: Inhibition of the efflux of organic ions from renal cortical slices, 630.
- Wu, M.T., and Salunkhe, D.K.: Toxicity of *Phytophthora infestans* and *Alternaria solani* to chick embryos, 214.
- Wünschmann-Henderson, Barbara, and Astrup, T.: Inhibition of plasminogen activator production in organ cultures by cycloheximide, 1288.
- Yarbrough, G.G., and Singh, D.K.: Intravenous thyrotropin releasing hormone (TRH) enhances the excitatory actions of acetylcholine (ACh) on rat cortical neurons, 390.
- Yardley, J.P., Fletcher III, H., and Russell, P.B.: A potent benzylamine analgesic (-)-cis-2-(α -dimethylamino-m-hydroxybenzyl)cyclohexanol, 1124.
- Yen, T.T., Allan, J.A., Pearson, D.V., and Acton, J.M.: Control of obesity in *A^{y/a}* mice by 5 α -androstane-17-one, 1542.
- Yew, D.T.: Evidence of relationship between the dopaminergic neurotransmitters and the nuclei of the retinal cells, 1634.
- York, J.L.: Efficacy of ethanol as a discriminative stimulus in ethanol-preferring and ethanol-nonpreferring rats, 224.
- Yoshihara, H., and Yew, D.: Response of neonatal mouse lung in organ culture to silica, 1187.
- Youson, J.H., and Sidon, E.W.: Lamprey biliary atresia: First model system for the human condition?, 1084.
- Zavala, F., Guénard, D., and Potier, P.: Interaction of vinblastine analogues with tubulin, 1497.
- Zbinden, G., Hörler, D., and Rageth, B.: Chronic hepatotoxicity of bromobenzene (Bb) in starved and ad libitum fed rats, 931.
- Ziel, R.: Potentiation of analgesia in the mouse by baclofen, 931.
- Zuazaga de Ortiz, C., and Castillo, J. del: Induction of electrical excitability in crustacean muscle by 4-cyclopentene-1,3-dione, 1033.
- Züger, P.E., Vigouret, J.M., and Loew, D.M.: Inhibition of reserpine-induced PGO waves in the cat by ergot derivatives, 637.
- Gerontologica experimentalis**
- Bartosch, G., Tannert, Ch., Fried, R., and Leyko, W.: Superoxide dismutase activity decreases during erythrocyte aging, 1464.
- Petrelli, F., Coderoni, S., Moretti, P., Marsili, G., and Paparelli, M.: Biotin as a regulator of some haematic parameters and of DNA-content of the liver of old rats, 193.
- Tajima, T., Iijima K., and Watanabe, T.: Collagen synthesis of cultured fibroblast from Werner's syndromes of premature aging, 1459.
- Weiler, J., and Sachsse, W.: Aneuploidy as a consequence of senescence and ovariectomy in the golden hamster (*Mesocricetus auratus*), 334.
- Anatomica, Histologica, Cytologica, Histochemica**
- Acosta, D., Puckett, Marianne, and McMillin, R.: Ischemic myocardial injury in cultured heart cells: In situ lysosomal damage (Pro experimentis), 1388.
- Alves de Matos, A.P., and Camara e Sousa, R.: Tubuloreticular structures in chicken bursa Fabricii lymphocytes, 1218.
- Anderson, M.: Spirally arranged muscles associated with tracheoles in tsetse fly flight muscles; their possible involvement in sound production, 587.
- Asada, M.: Presence of melanosome-like granules in dermal erythrophores of the tropical teleost (*Batis batis*), 511.
- Bairati, Jr, A., De Biasi, S., and Pilotto, F.: Smooth muscle cells in the cusps of the aortic valve of pigs, 1636.
- Barber, D. Louise, and Scadding, S.R.: Effect of amputation and limb regeneration on the pars distalis of the newt, *Notophthalmus viridescens*, 1209.
- Beçak, Maria Luiza, Mendes Carneiro, Sylvia, and Fukuda, K.: Circles in spermatocyte chromatin loops. Electron microscopy and AgAs-NORs studies, 171.
- Brown, P.A., and Carman, J.B.: Cerebellar decussation of fibres from the nucleus reticularis tegmenti pontis in the brain of the albino rat, 1039.
- Callebaut, M.: ³H-Thymidine incorporation (DNA synthesis) and radiotoxicity in the ovary of the Japanese quail before and during follicle formation, 651.
- Carmichael, S.W., and Smith, D.J.: Highvoltage electron microscopy of adrenal medulla: Direct connections between mitochondria and catecholamine-storage vesicles, 391.
- Chatterjee, T.K., Spadaro, J.A., and Vook, R.W.: Surface model of the collagen fibril as determined by two-stage plastic replica, 1635.
- Chew, E.C.: Effect of tannic acid on the Ehrlich ascites tumor cells, 1508.
- Constantinou, C.E., Neubarth, J.L., and Mensah-Dwumah, Monica: Frequency gradient in the autorhythmicity of the pyloureteral pacemaker system, 614.
- Contestabile, A., Ercolessi, M., and Bellucci, A.: Acetylcholinesterase decrease in the optic lobe after unilateral eye deprivation, 759.
- Dabich, Danica, Hazlett, Linda D., and Acey, R.A.: Close association of erythrocytes with surface of late mouse blastocysts: SEM analysis, 407.
- Das, G.D., and Hallas, B.H.: Transplantation of brain tissue in the brain of adult rats, 1304.
- David, G.F.X., and Anand Kumar, T.C.: Histochemical localization of cholinesterases in the neural tissue of the pineal in the rhesus monkey, 1067.
- Davis, R.H., Meyers, B.E., Moonka, D.K., Melincoff, R.H., and Platt, H.A.: The peritoneal fluid cytology of adult female dogs, 184.
- Desgranges, J.-C.: Nerves and taste-buds degeneration in the catfish *Ictalurus melas*, 1072.
- Dolder, Heidi, and Mello, Maria Luiza S.: Vesicular inclusions in the nuclei of epithelial cells of Malpighian tubes of the hemipteran, *Panstrongylus megistus*, 794.
- Engen, R.L., and Klemm, W.R.: Large regional and strain differences in rat brain sialic acid and 2-deoxyribose, 368.
- Erenpreiss, J.G., Zirne, R.A., and Demidenko, O.Je.: Electron microscopic observation of nucleosomes in ultrathin sections of heparin-treated nuclei, 882.
- Eriksson, A., Thornell, L.-E., and Stigbrand, T.: Cytoskeletal filaments of heart conducting system localized by antibody against a 55,000 dalton protein, 792.
- Fankboner, P.V.: Self-suturing by a synaptid sea cucumber (Holothuroidea: Echinodermata), 729.
- Flood, P.R.: Filter characteristics of appendicularian food catching nets, 173.
- Flumerfelt, B.A.: Organization of the mammalian red nucleus and its interconnections with the cerebellum, 1178.
- Franchini, I., Cavatorta, A., D'Errico, M., De Santis, M., Romita, G., Gatti, R., Juvarrà, G., and Palla, G.: Studies on the etiology of the experimental neuropathy from industrial adhesive (glues), 250.
- Fraser, J.R., Oliveira, P.H., and Hüttner, I.: Effect of blood pH on anionic ferritin transport through rat aortic endothelium, 1171.
- Fried, K., and Hildebrand, C.: Degeneration of unmyelinated axons in the dental root canal induced by 6-OH-dopamine, 1354.
- Froesch, D., Mangold, Katharina, and Fritz, W.: On the turnover of exogenous ferritin in the cephalopod optic gland. A microprobe study, 116.

- García-Segura, L.M., Martínez-Rodríguez, R., and Martínez-Murillo, R.: Separation of specific fractions of synaptosomes by affinity chromatography, 1598.
- Ghadially, F.N., Lalonde, J.-M.A., and Dick, C.E.: A mechanism of formation of desmosome-like structures between synovial intimal cells, 1212.
- Glimcher, M.E., and Szabo, G.: Giant pigment granules in dermal melanocytes of rat scrotal skin, 1079.
- Hanks, C.T., and Smith, E.O.: The inhibitory effects of a dermal extract upon granulation tissue, 635.
- Hansen, J., and Ord, T.: Effects of 6-hydroxydopamine on rat carotid body chief cells, 1357.
- Harrison, F.: Etude ultrastructurale des variations cytologiques induites par la lumière sur l'adénohypophyse de la caillie mâle, 1075.
- Hegarty, P.V.J., Dahlin, K.J., and Benson, E.S.: Ultrastructural differences in mitochondria of skeletal muscle in the prerigor and rigor states, 1070.
- Hervonen, A., Vaalasti, A., Partanen, S., and Kanerva, L.: The endocrine nature of the paraganglia of man, 111.
- Heumann, H.-G., and Weigold, M.: Are intermediate filaments of vertebrate smooth muscle cells and tonofilaments of epithelial cells identical cell structures?, 649.
- Hino, O., and Tsunekawa, K.: The occurrence of small, intensely fluorescent (SIF) cells in human sympathetic ganglia, 1359.
- Holderegger, Ch., and Bechter, R.: A reliable method for obtaining longitudinal sections of sperms for electron microscopy (Pro experimentis), 1386.
- Hollmann, K.H., et Verley, J.M.: Les cellules mammatropes et somatotropes de l'antéhypophyse chez la souris C3H porteuse de tumeur mammaire spontanée. Etude quantitative au microscope électronique, 98.
- Horisberger, M., Rosset, J., and Vonlanthen, M.: Location of lectin receptors on rat hepatocytes by transmission and scanning electron microscopy (Pro experimentis), 274.
- Hösl, Elisabeth, and Hösl, L.: Autoradiographic localization of the uptake of ^3H - β -alanine in rat nervous tissue cultures, 1519.
- Ivić, Mileva, and Klisić, Lj.: A histochemical demonstration of the $\text{Na}^+ + \text{K}^+$ -ATPase activity in the thyroid and the effect of cyclic adenosine monophosphate (c-AMP), 1513.
- Jayaraman, S., Hurkadli, K.S., and Gopalakrishnan, Kamala: A method to collect cervical smears from small breeds of monkeys (Pro experimentis), 1245.
- Jazdowska-Zagrodzińska, B., and Matuszewski, B.: Nuclear lamellae in the germ-line cells of gall midges (Cecidomyiidae, Diptera), 777.
- Joky, A., Cornu, M., Louis, D., and Grimaud, J.A.: Polyvinylchloride (PVC) particles implantation in mouse liver. A technique for experimental study of schistosome eggs-induced liver pathology (Pro experimentis), 547.
- Joneja, M.G., and Kaisermann, M.Z.: Cytogenetic effects of delta-9-tetrahydrocannabinol (Δ^9 -THC) on hamster bone marrow, 1205.
- Kallen, F.C.: Overview of circulation in the wing membrane, 1398.
- Kaiya, H., Iwata, T., Ikeda, K., and Namba, M.: Chlorpromazine causes vesicle population changes in the monoaminergic synapse of the rat caudate nucleus, 645.
- Kanamura, S.: Formation of intracellular canaliculi in reaggregated striated duct cells of rat submandibular gland during short-term stationary culture, 517.
- Kandaswamy, C.K.: Occurrence of an endocrine centre in the gonad of a land slug *Laevicaulis alte* (Gastropoda: Pulmonata), 595.
- Kataoka, S., Williams, T.H., Sandquist, D., and Sahu, S.K.: Electronmicroscopic identification of type C particles in cultured murine neuroblastoma, 879.
- Kennedy, B., and Kryvi, H.: The ultrastructure of the spiral notosetae of *Nicomache maculata* Arwidsson (Polychaeta, Maldanidae), 460.
- Khan, M.A.: Histochemical characterization of the red fibres in pigeon pectoralis muscle, 784.
- Khan, R.A.: An anatomical study of the microcirculation in the rabbit femur (Pro experimentis), 1101.
- Kojima, H., Anraku, S., Onogi, K., and Ito, R.: Histochemical studies on two types of cells containing catecholamines in sympathetic ganglia of the bullfrog, 92.
- Krause, W.J., Leeson, C.R., Cutts, J.H., and Sherman, D.M.: Virus-like particles in the opossum submandibular gland, 405.
- Krinke, G., Schneider, K., and Hess, R.: Changes in cellular noradrenaline fluorescence in the denervated rat superior cervical ganglion, 1077.
- Kučerová, V., and Doležel, S.: The level of noradrenaline in terminals and varicosities after the ligation performed in the sympathetic ground-plexus, 403.
- Kunz, Yvette W., and Wise, Christina: Structural differences of cone 'oil-droplets' in the light and dark adapted retina of *Poecilia reticulata* P., 246.
- Kyösola, K.: Effect of vagotomy upon the neurohistochemical and ultrastructural integrity of the inbuilt intrinsic nervous apparatus of the choledochoduodenal junction, 782.
- Lane, H.C.: Histology of the vascular wall and its innervation, 1403.
- LeFevre, M.E., Vanderhoff, J.W., Laissue, J.A., and Joel, D.D.: Accumulation of 2- μm latex particles in mouse Peyer's patches during chronic latex feeding, 120.
- Léon-Feliu, E., Gómez-Ramos, P., and Rodríguez-Echandia, E.L.: Endothelial nerve fibres in the cornea of the frog *Rana ridibunda*, 1352.
- Lis, Dora, and Monis, B.: Glycosaminoglycans in separated tubules of the guinea-pig and rat kidney medulla, 693.
- Lobo, A., Carr, I., and Malcolm, D.: The EM immunocytochemical demonstration of lysozyme in macrophage giant cells in sarcoidosis, 1088.
- Lorez, H.P., and Da Prada, M.: Fluorescence microscopical study of 5-hydroxytryptamine storage organelles in mepacrine-incubated blood platelets of beige mice (Chediak-Higashi syndrome), 663.
- Malhotra, R.K., Dhingra, S., and Katoch, S.S.: Alkaline phosphatase activity in normal and denervated skeletal muscle, 1206.
- Manocha, S.L., and Sharma, S.P.: Lipofuscin accumulation in squirrel monkey spinal cord consequent to protein malnutrition during gestation, 377.
- Mato, M., and Aikawa, E.: Changes of profiles of neutrophil granulocytes induced with the administration of L-DOPA and prednisolone, 506.
- McNulty, J.A.: Fine structure of modified photoreceptor cells in the pineal of the goby, *Clevelandia ios* (Pisces: Gobiidae), 507.
- Messier, Paul-Emil: Microtubules, interkinetic nuclear migration and neurulation, 289.
- Mosejev, V.V.: Electron microscopical observation of the contact between ribosomes and detergent-resistant cytofilaments, 1633.
- Oakley, Lynnette, and Mayhew, T.M.: Membrane interiorization by phagocytosing macrophages - an ultrastructural morphometric approach, 1338.
- Okoyama, S.: Spermatocyte selection during meiosis following mitomycin C treatment in mice, 1639.
- Olah, I., and Glick, B.: Secretory cell in the medulla of the bursa of Fabricius, 1642.
- Palacios, G.: Involutive morphological modifications in the rat adrenal glomerular zone after a low-sodium diet, 653.
- Panula, P., Joó, F., and Rehardt, L.: Evidence for the presence of viable endothelial cells in cultures derived from dissociated rat brain, 95.
- Papka, R.E.: Types of nerve terminals in fetal and neonatal rabbit myocardium, 655.
- Paula-Barbosa, M.M., Sobrinho-Simões, M.A., and Cruz, C.: Synaptic vesicles and other organelles of human mossy fibre endings. A morphometric study, 100.
- Pijnacker, L.P., and Ferwerda, M.A.: Additional chromosome duplication in female meiotic prophase of *Sipylodea sipylodea* Westwood (Insecta, Phasmida), and its absence in male meiosis, 1558.
- Pope, W.D.B., and Persaud, T.V.N.: Foetal growth retardation in the rat following chronic exposure to the inhalation anaesthetic enflurane, 1332.
- Ráliš, Z.A.: Experimental production of local osteomalacia, 1203.
- Re, M., Spera, G., Maselli, G., and Iannitelli, M.: Glycogen and phosphorylase in Klinefelter's syndrome: a histochemical study, 1081.
- Rieppel, O.: Streptostyly and muscle function in lizards, 776.
- Rishi, S., and Rishi, K.K.: Occurrence of monocentric chromosomes in *Pieris brassicae* L. (Lepidoptera, Pieridae), 451.
- Sabag, N., Castrillón, M.A., and Tchernitchin, A.: Cortisol-induced migration of eosinophil leukocytes to lymphoid organs, 666.
- Schiefer, H.-G., Krauss, H., Schummer, U., Brunner, H., and Gerhardt, U.: Cytochemical localization of surface carbohydrates on mycoplasma membranes, 1011.
- Schill, W.-B., Wallner, O., Schiessler, H., and Fritz, H.: Immunofluorescent localization of the acid-stable proteinase inhibitor (antileukoprotease) on human cervical mucus, 509.
- Schipp, R.: Morphological specializations: Ultrastructural, 1410.

- Schürmann, F.W.: On the ultrastructure of nerve-muscle contacts in *Onychophora*, 779.
- Segawa, M., and Kondo, F.: Effects of vinblastine on meristematic cells of *Allium cepa*, I, 996.
- Silberbauer, K., Sinzinger, H., Winter, Maya, Feigl, W., and Ring, F.: Prostacyclin-like activity of endothelium and subendothelium - important for atherosclerosis?, 1471.
- Sosa, A., Gonzalez-Angulo, A., Calzada, L., and Alva, S.: Presence of ATPase on the vesicular membrane of *Cysticercus cellulosae*. A high resolution cytochemical study, 175.
- Srivastava, C.B.L., Seal, M., Das, P.K., and Gopesh, A.: Anatomical identification of the presumed electroreceptors of two air breathing catfishes, *Clarias batrachus* and *Heteropneustes fossilis*, 1345.
- Sudár, F., and Csaba, G.: Scanning-autoradiography - a new method for the demonstration of membrane-surface-associated structures (Pro experimentis), 416.
- Tadkowski, T.M., and Jones, J.C.: Endogenous synthesis of lipid yolk in mosquito oocytes, 627.
- Takeuchi, I.K., Takeuchi, Y.K., and Kajishima, T.: Pigment granules in choroidal melanophores of the albino goldfish, 1066.
- Thureson-Klein, Asa, Wang-Yang, Jen, and Ko, I.K.: Lipid accumulation in mouse hepatocytes after morphine exposure, 773.
- Tutton, P.J.M.: Acceleration of crypt cell proliferation by acoustic stimuli, 249.
- Unsicker, K., and Gröschel-Stewart, U.: Distribution of contractile proteins and adrenergic nerves in the adrenal gland of guinea-pig, rat and ox as revealed by immunofluorescence and the glyoxylic acid technique, 102.
- Véghelyi, P.V., and Osztovcics, Magda: The alcohol syndromes: The intrarecombinogenic effect of acetaldehyde, 195.
- Weaving, J.N., and Cullen, M.J.: Unusual high volume of sarcoplasmic reticulum in a wasp leg muscle, 796.
- Went, D.F., Camenzind, R., and Fux, T.: Appendages of the oocyte nuclei in the gall midge *Heteropeza pygmaea*, 1641.
- West, R.W., and Chernenko, G.A.: Lack of synaptic reorganization in inner plexiform layer (IPL) of retina following ganglion cell degeneration, 1082.
- Whitmore, I.: Histochemical fibre types in striated muscle from the guinea-pig oesophagus, 1632.
- Wong, Tuen-ye, Yew, D.T., and Bau, Y.S.: Further studies on the effect of red and far red light on rat retinal development, 513.
- Woodward, B.: The peritoneal leukocytes of the germ-free mouse, 1638.
- Yew, D.T.: Evidence of relationship between the dopaminergic neurotransmitters and the nuclei of the retinal cells, 1634.
- Youson, J.H., and Sidon, E.W.: Lamprey biliary atresia: First model system for the human condition?, 1084.
- Denburg, J.L., and Whittington, P.M.: Regeneration of entire legs in cockroaches as a model for developmental events, 252.
- Deuchar, Elizabeth M.: Effects of streptozotocin on early rat embryos grown in culture, 84.
- Dieterlen-Lièvre, Françoise: Yolk sac erythropoiesis, 284.
- Durst-Zivković, B.: Quantitative aspects of structural changes in chorioallantoic placenta of the rat during its development, 1343.
- Ferrand, R., Renaud, J.-F., and Le Douarin, G.H.: Effects of adenohipophysectomy on cAMP levels in chick embryo thyroid, adrenal and spleen, 263.
- Holtzer, H., Okayama, M., Biehl, J., and Holtzer, S.: Chondrogenesis in chick limb buds and somites, 281.
- Jakubovic, A., McGeer, E.G., and McGeer, P.L.: Effects of dl-methadone and morphine on developing chick embryo, 1617.
- Lauthier, M.: Etude du développement des membres postérieurs de *Pleurodeles waltlii* Michah. (Amphibien, Urodèle) après la résection de l'épiderme du bourgeon, 790.
- Lee, H., and Kalmus, G.W.: The differential susceptibility of early chick embryos to 5-bromodeoxyuridine, 278.
- Lee, H., Nagele, R., and Karasanyi, N.: Inhibition of neural tube closure by ionophore A23187 in chick embryos, 518.
- Lendon, R.G.: A synergistic interaction between the teratogenic effect of trypan blue and dietary deficiency in the rat, 510.
- MacMillan, G.J.: The control of onset of melanoblast differentiation in *Xenopus* larvae, 1512.
- Malacinski, G.M., Chung, H.-M., and Youn, B.: Further characterization of the effects of ultraviolet irradiation of the amphibian egg, 883.
- Meinzel, R.: Neuroactifs et tératogénèse vertébrale chez l'embryon d'oiseau, 394.
- Messier, Paul-Emil: Microtubules, interkinetic nuclear migration and neurulation, 289.
- Michel, C., and Fritz-Niggli, Hedi: Induction of developmental anomalies in mice by maternal stress, 105.
- Nair, C.K.K., and Gopalan, H.N.B.: Association of DNA replication with nuclear membrane in larvae of *Chironomus thummi*, 353.
- Nozue, T.: Relationships between neural crest cells and catecholamine in suckling mice, 1347.
- Peaucellier, G.: Acid release at meiotic maturation of oocytes in the polychaete annelid *Sabellaria alveolata*, 789.
- Pope, W.D.B., and Persaud, T.V.N.: Foetal growth retardation in the rat following chronic exposure to the inhalation anaesthetic enflurane, 1332.
- Véghelyi, P.V., and Osztovcics, Magda: The alcohol syndromes: The intrarecombinogenic effect of acetaldehyde, 195.
- Waggoner, Ph.R.: Effects of exogenous thyroxine on the surface morphology of the developing chick anterior corneal epithelium, 1213.
- Wakely, Jennifer, and England, Marjorie A.: Alteration of cell shape in the early chick embryo mesoderm by neuraminidase, 243.
- Wallace, H.: Testing the clockface model of amphibian limb regeneration, 1360.
- Wolff, Etienne: Early chick embryo genesis, Introduction, 277.
- Wordinger, R.J., and Kell, J.A.: Elevated glucose levels influence in vitro hatching, attachment, trophoblast outgrowth and differentiation of the mouse blastocyst, 881.

Embryologica

- Arishima, K., Nakama, S., Morikawa, Y., Hashimoto, Y., and Eguchi, Y.: Changes in placental permeability to corticosterone and estradiol-17 β toward the end of gestation in the rat, 262.
- Baker, P.C., Hoff, K.M., and Buda, R.E.: Exogenous melatonin and melanophore development in *Xenopus*, 1521.
- Biémont, C., and Bouletreau-Merle, J.: Inbreeding effect: Embryonic development and fecundity of *Drosophila melanogaster* offspring, 1273.
- Böhnelt, P.: Über die Beteiligung von Hauptstückepithel am parietalen Blatt im corpusculum renale bei der Maus (*Mus musculus*), 1351.
- Callebaut, M.: An improved method of transplantation on chicken chorioallantoic membrane (CAM) (Pro experimentis), 1241.
- Cariello, L., De Nicola Giudici, M., Zanetti, L., and Prota, G.: Neononellin, a new biologically active pigment from *Bonellia viridis*, 1427.
- Christ, B., Jacob, H.J., and Jacob, M.: An experimental study on the relative distribution of the somitic and somatic plate mesoderm to the abdominal wall of avian embryos, 241.
- Christ, B., Jacob, H.J., and Jacob, M.: On the formation of the myotomes in avian embryos. An experimental and scanning electron microscope study, 514.
- Cuevas, P., and Aballe, M.: Attraction of primordial germ cells by notochord in seven somites chick embryo, 1506.
- Dabich, Danica, Hazlett, Linda D., and Acey, R.A.: Close association of erythrocytes with surface of late mouse blastocysts: SEM analysis, 407.
- Das, G.D., and Hallas, B.H.: Transplantation of brain tissue in the brain of adult rats, 1304.

Endocrinologica

- Arishima, K., Nakama, S., Morikawa, Y., Hashimoto, Y., and Eguchi, Y.: Changes in placental permeability to corticosterone and estradiol-17 β toward the end of gestation in the rat, 262.
- Arrondo, J.L.R., Sancho, Maria José, and Macarulla, J.M.: Effect of acute administration of triiodothyronine in chicken. Liver glycogen depletion and amino acid incorporation to proteins, 1099.
- Astier, H.S., Daniel, J.Y., and Jallageas, M.: Estimation of plasma thyroxine concentration in ducks in relation to different environmental and experimental conditions, 1228.
- Balemans, M.G.M., Bary, F.A.M., Legerstee, W.C., and van Benthem, J.: Estimation of the methylating capacity in the pineal gland of the rat with special reference to the methylation of N-acetylserotonin and 5-hydroxytryptophol separately, 1434.
- Balemans, M.G.M., Noordegraaf, E.M., Bary, F.A.M., and van Berlo, M.F.: Estimation of the methylating capacity of the pineal gland. With special reference to indole metabolism, 887.
- Behne, D., Berswordt-Wallrabe, R. von, Elger, W., Hube, G., and Wolters, W.: Effects of pregnancy and lactation on the serum selenium content of rats, 270.

- Bertolini, A., Genedani, S., and Castelli, M.: Behavioural effects of naloxone in rats, 771.
- Bhatti, R.A., Ablin, R.J., Guinan, P.D., Totonchi, E., and Zamora, S.: Effect of diethylstilboesterol diphosphate on tumour-associated immunity in prostatic cancer. A preliminary report, 1364.
- Biswas, N.M., and Koley, A.R.: Testicular Δ^2 -3 β -hydroxysteroid dehydrogenase, ascorbic acid and dehydroascorbic acid in actinomycin D-treated toads, 1652.
- Boyd, W.H., Peters, A., and Morris, G.: Binding bovine immunoglobulins to anterior lobe cells of the hypophysis, 1090.
- Campbell, M.D., Jaques, Jr. S., and Gala, R.R.: The lack of an effect of cholinergic agonists on anterior pituitary prolactin production in vitro, 1522.
- Castracane, V.D., and Rothchild, I.: The attenuation of prostaglandin-induced luteolysis in decidual tissue-bearing pseudopregnant rats, 131.
- Chakraborti, P., and Bhattacharya, S.: Bovine TSH-stimulation of fish thyroid peroxidase activity and role of thyroxine thereon, 136.
- Chandhary, L.R., Ya. Kon', I., and Pokrovsky, A.A.: Activity of phospholipases A and some lysosomal enzymes in rat testes at different stages of hypervitaminosis A, 991.
- Christofides, N.D., and Bloom, S.R.: Plasma motilin levels in duodenal ulcer and effect of a truncal vagotomy and hypoglycaemia, 809.
- Clausell, D.E., and Soliman, K.F.A.: Ovarian serotonin content in relation to ovulation, 410.
- Corbin, A.: Effect of an LH-RH antagonist on reproductive status of immature female rats, 813.
- Dainat, J., et Rebière, A.: Variations au cours de la journée de l'incorporation in vivo de la leucine tritiée dans les protéines du cervelet et du cerveau du jeune rat normal et hypothyroïdien, 264.
- Das, V.K., and Das, S.: Distribution of calcitonin cells in the thyroid glands of normal adult rhesus monkey *Macaca mulatta*, 541.
- Davis, R.H., Meyers, B.E., Moonka, D.K., Melincoff, R.H., and Platt, H.A.: The peritoneal fluid cytology of adult female dogs, 184.
- Delbecq, J.P., Diehl, P.A., and O'Connor, J.D.: Presence of ecdysone and ecdysterone in the tick *Amblyomma hebraeum* Koch, 1379.
- Del Rio, A.G., and Raisman, Rita: cAMP in spermatozoa taken from different segments of the rat epididymis, 670.
- Di Meglio, M., and Rastogi, R.K.: Influence of temperature and gonadal steroids on the testis composition in *Rana esculenta*, 267.
- Dunn, J.D., Castro, A.J., and McNulty, J.A.: Failure of medial forebrain bundle or raphe ablation to alter the daily temperature rhythm of the rat, 1588.
- Ferrand, R., Renaud, J.-F., and Le Douarin, G.H.: Effects of adenohipophysectomy on cAMP levels in chick embryo thyroid, adrenal and spleen, 263.
- Feuer, L., and Ormai, S.: Radioprotective effect of a protein free parathyroid extract, 1356.
- Flückiger, E., Briner, U., Doeppner, W., Kovacs, E., Marbach, P., and Wagner, H.R.: Prolactin secretion inhibition by a new 8 α -amino-ergoline, CH-29-717, 1330.
- Foesel, S., and Sewing, K.-Fr.: Enhancement of electrically stimulated guinea-pig gallbladder contraction by subthreshold concentrations of gastrointestinal hormones in vitro, 205.
- Garg, S.K., Chhina, G.S., and Singh, Baldev: Topographic localization of insulinogenic and insulinoprival areas in the hypothalamus, 1237.
- Gilles-Baillien, Michelle, and Verbert, Myriam: Seasonal changes in the electrical parameters of the small intestine, colon and bladder mucosa of land tortoises (*Testudo hermanni hermanni* Gmelin), 1174.
- González-Vegas, J.A., and Fuenmayor, Dolores: Effects of thyroid state on brain stem responses to iontophoretic noradrenaline, 1527.
- Greenwood, D.R., and Russell, G.B.: 26-Hydroxy- β -ecdysone, a metabolite of β -ecdysone in the blowfly, *Calliphora erythrocephala*, 687.
- Halberg, F., Lee, Jung Keun, and Nelson, W.: Time-qualified reference intervals - chronodesms, 713.
- Harvey, S., and Scanes, C.G.: Effect of adrenaline and adrenergic active drugs on growth hormone secretion in immature cockerels, 1096.
- Herrenkohl, Lorraine R., and Politch, J.A.: Effects of prenatal stress on the estrous cycle of female offspring as adults, 1240.
- Hervonen, A., Vaalasti, A., Partanen, S., and Kanerva, L.: The endocrine nature of the paraganglia of man, 111.
- Hollmann, K.H., et Verley, J.M.: Les cellules mammatropes et somatotropes chez l'antéhypophyse chez la souris C3H porteuse de tumeur mammaire spontanée. Etude quantitative au microscope électronique, 98.
- Hofeji, V., and Kocourek, J.: The lack of insulin-binding to simple glycosidic receptors, 307.
- Ivić, Mileva, and Klisić, Lj.: A histochemical demonstration of the Na^+ + K^+ -ATPase activity in the thyroid and the effect of cyclic adenosine monophosphate (c-AMP), 1513.
- Jevning, R., Wilson, A.F., and Smith, W.R.: The transcendental meditation technique, adrenocortical activity, and implications for stress, 618.
- Joost, H.G., and Holze, S.: Uptake of tolbutamide by islets of Langerhans and other tissues, 1372.
- Judson, P., Kishen Rao, B., Thakur, S.S., and Divakar, B. Julius: The effects of a juvenile hormone analogue on the male reproductive organs of the red cotton bug, *Dysdercus cingulatus* (Heteroptera), 817.
- Kandaswamy, C.K.: Occurrence of an endocrine centre in the gonad of a land slug *Laevicaulis alte* (Gastropoda: Pulmonata), 595.
- Kapur, K., and Toor, H.S.: The effect of methallibure (I.C.I. 33,828) on the steroidogenesis in the ovary and testis of a fresh water teleost, *Cyprinus carpio*, 811.
- Karen, P., Pohlová, I., and Jelinek, J.: Influence of age on the renal renin response to a high salt intake in the rat, 622.
- Kawa, A., Nakazawa, M., Kono, Y., Sakaguchi, S., Nakamura, S., and Kanehisa, T.: HLA BW54 and B5 in Japanese diabetics with juvenile-onset and insulin-dependency (with special reference to the family history), 669.
- Kawa, A., Ryu, S., Taniguchi, Y., Mizuguchi, K., Maeda, Y., Ariyama, T., Kamisaki, K., Koreeda, F., and Kanehisa, T.: The effects of microinjection of carbachol or hemicholinium into the amygdala on the levels of plasma and adrenal corticosterone in rats, 814.
- Khan, T.R., Singh, S.B., Singh, R.K., and Singh, T.K.: Neurosecretory control of corpora allata activity in cockroach, *Periplaneta americana* L., 49.
- Kofoed, J.A., and Barceló, Ana C.: The acidic glycosaminoglycans in gastric mucosa of athyroid rats: The effects of L-tri-iodothyronine, 808.
- Kolena, J., Šeböková, E., and Ježová-Repčková, D.: Gonadotropin receptors, cAMP and testosterone in estrogenized male rats, 266.
- Locatelli, V., Cocchi, Daniela, Bajusz, S., Spampinato, S., and Müller, E.E.: Prolactin and growth hormone releasing activity of [D-Met³, Pro³]-enkephalinamide in the rat after systemic administration, 1650.
- Lotz, W.: Biological activities and receptor affinities of some natural and synthetic oestrogens and their D-homo analogues, 1373.
- Mainoya, J.R.: Possible influence of prolactin on intestinal hypertrophy in pregnant and lactating rats, 1230.
- Malá, J., and Sehnal, F.: Role of the nerve cord in the control of prothoracic glands in *Galleria mellonella* L., 1233.
- Michajlovskij, N., Štrbák, V., and Földes, O.: Reciprocal changes in serum free thyroxine fraction and thyrotropin level after administration of thiocyanate to rats, 409.
- Michel, R., and Lafon-Cazal, M.: Ergastoplasmic granules, cytophysiological adaptation of the locusts corpora cardiaca to migratory flights?, 812.
- Modlin, I.M., Bloom, S.R., and Mitchell, S.: Plasma vasoactive intestinal polypeptide (VIP) levels and intestinal ischaemia, 535.
- Morel, G., Deschaux, P., Claustrat, B., et Fontanges, R.: Etude des modifications quantitatives des cellules somatotropes hypophysaires de rat après thymectomie. Action opothérapique de substitution à l'aide d'un extrait thymique, 1525.
- Moreteau, Brigitte, et Janots, Dominique: Effets de la réserpine sur le développement d'*Oedipoda coerulescens* L. (Acridien, Orthoptère), 1098.
- Morishita, H., Nakago, K., Miyauchi, Y., Mitani, H., Hashimoto, T., and Adachi, H.: The effect of glycine on serum luteinizing hormone in adult female rats, 1231.
- Nagy, I., Kurcz, M., Baranyai, P., and Meites, J.: Activity alterations of metabolic enzymes in the anterior pituitary of female rats during acute and chronic starvation, as well as after refeeding, 545.
- Nandi Majumdar, A.P., and Nakhla, A.M.: Pentagastrin induction of acetylcholinesterase activity in cerebral cortex of rats, 974.
- Neri, G., Gambino, A.M., Mazzocchi, G., and Nussdorfer, G.G.: Investigations into the effects of ACTH on the half-life of mitochondrial proteins in the rat adrenal cortex, 133.

- Neri, G., Gambino, A.M., Mazzocchi, G., and Nussdorfer, G.G.: Effects of chronic treatment with ACTH on the intracellular levels of cyclic-AMP and cyclic-GMP in the rat adrenal cortex, 815.
- Nir, I., and Hirschmann, N.: Pineal N-acetyltransferase depression in rats exposed to heat, 1645.
- Okonmah, A.D., and Soliman, K.F.A.: CNS stimulation effect on the sexual maturation of the female rat, 1238.
- Ota, M., Sato, N., and Obara, K.: Inhibition of testicular androgenesis by urinary gonadotropin-inhibiting substances in rats, 540.
- Ozawa, S., and Sand, O.: Action potentials in non-tumor cells from the anterior pituitary gland, 542.
- Pakrashi, Anita, and Chakrabarty, B.: Antifertility effect of aristolic acid from *Aristolochia indica* (Linn) in female albino rabbits, 1377.
- Pakrashi, Anita, and Shaha, Chandrima: Effect of methyl ester of aristolic acid from *Aristolochia indica* Linn. on fertility of female mice, 1192.
- Palacios, G.: Involutive morphological modifications in the rat adrenal glomerular zone after a low-sodium diet, 653.
- Pasqualini, J.R., and Cosquer-Clavreul, C.: Purification of the cytosol oestradiolreceptor complex from foetal guinea-pig uterus using electrofocusing on polyacrylamide plates, 268.
- Pawlikowski, M., Kunert-Radek, J., and Stepień, H.: Somatostatin inhibits the mitogenic effect of thyroliberin, 271.
- Pompei, R., Marcialis, M.A., Flore, O., Pani, A., Marongiu, M.E., and Manconi, P.E.: Influence of hydrocortisone on cytopathic effect of Newcastle disease virus and stability to freezing of vesicular stomatitis virus (Pro experimentis), 1528.
- Re, M., Spera, G., Maselli, G., and Iannitelli, M.: Glycogen and phosphorylase in Klinefelter's syndrome: a histochemical study, 1081.
- Reinharz, A.C., Pavel, S., and Vallotton, M.B.: Evidence for in vitro release of neurophysin by the rat pineal gland, 1232.
- Ross, H.A.: A dialysis rate method for the measurement of free triiodothyronine and steroid hormones in blood, 538.
- Sabag, N., Castrillón, M.A., and Tchernitchin, A.: Cortisol-induced migration of eosinophil leukocytes to lymphoid organs, 666.
- Sane, A.S., and Kukreti, S.C.: Effect of preoperative stress on serum cholesterol level in humans, 213.
- Sato, N., Ota, M., and Obara, K.: Effect of actinomycin D or puromycin on microsomal testosterone hydroxylase activity enhanced by testosterone in female rat liver, 1375.
- Schweizer, J., and Marks, F.: Lack of relationship between Langerhans cells, epidermal cell proliferation and epidermal Gl chalones, 1235.
- Sharma, M.P., Mathur, R.S., and Mehta, K.: Effect of borax on testis of Indian desert gerbil, *Meriones hurriane* Jerdon, 1374.
- Sieber, R., and Benz, G.: The influence of juvenile hormone on the feeding behaviour of last instar larvae of the codling moth, *Laspeyresia pomonella* (Lep., Tortricidae), reared under different photoperiods, 1647.
- Silberbauer, K., Sinzinger, H., Winter, Maya, Feigl, W., and Ring, F.: Prostacyclin-like activity of endothelium and subendothelium - important for atherosclerosis?, 1471.
- Singh, H., Bhutani, K.K., Malhotra, R.K., and Paul, D.: 7 α -Aza-B-homo 7 α ,7-d tetrazole analogues of progesterone and testosterone, 557.
- Singh, R.K., Singh, S.B., Khan, T.R., and Singh, T.K.: Dilatation of nervi corporis allati 2 (NCA 2) - a neurohaemal structure in *Chrysocoris stollii* Wolf. (Heteroptera: Pentatomidae), 186.
- Sinha, M.P., Sahni, S.L., and Sinha, D.P.: The lateral neurosecretory cells and mating instinct in male *Dysdercus koenigii* (Hemiptera Pyrrhocoridae), 53.
- Skandhan, K.P., Skandhan, S., and Mehta, Y.B.: Semen electrolytes in normal and infertile subjects. II. Zinc, 1476.
- Smokovitis, A.: Sex related fibrinolytic activity in rat tissues, 483.
- Spenny, J.G.: Gastrin stimulated H⁺ secretion in amphibian gastric mucosa: Effect of tetrodotoxin, 625.
- Stephens, J.L., and Binkley, S.: Daily change in pineal N-acetyltransferase activity in a diurnal mammal, the ground squirrel, 1523.
- Street, M.L.: The effects of juvenile hormone analogues on the eggs of *Pieris brassicae* L., 544.
- Sudár, F., and Csaba, G.: Scanning-autoradiography - a new method for the demonstration of membrane-surface-associated structures (Pro experimentis), 416.
- Tal, E., Savion, S., Abraham, M., and Hanna, N.: An immunofluorescent method for identification of isolated thyrotropic cells, 536.
- Tchernitchin, A., Tchernitchin, X., Collao, C., and Rodriguez, A.: Dynamics of estrogen binding by uterine cells in vivo, 134.
- Trifaró, J.M., Ulpian, C., and Preiksaitis, H.: Anti-myosin stains chromaffin cells, 1568.
- Ukai, M., and Mitsuma, T.: Plasma triiodothyronine, thyroxine and thyrotrophin levels in germfree rats, 1095.
- Unnithan, G.C., Nair, K.K., and Kooman, Cathy J.: Effects of precocene II and juvenile hormone III on the activity of neurosecretory A-cells in *Oncopeltus fasciatus*, 411.
- Unsicker, K., and Gröschel-Stewart, U.: Distribution of contractile proteins and adrenergic nerves in the adrenal gland of guinea-pig, rat and ox as revealed by immunofluorescence and the glyoxylic acid technique, 102.
- Vaughan, G.M., Reiter, R.J., Siler-Khodr, T.M., Sackman, J.W., Allen, J.P., Vaughan, M.K., McGuire, W.L., Johnson, L.Y., and Starr, P.: Influence of pinealectomy on serum estrogen and progesterone levels in blind-anomic female rats, 1378.
- Vijande, M., Costales, M., and Marín, B.: Sex difference in polyethyleneglycol-induced thirst, 742.
- Wilkinson, M., and Arendt, Josephine: Effects of oestrogen and progesterone on rat pineal N-acetyl transferase activity and melatonin production, 667.
- Ziegler, Brigitte, Ziegler, M., and Fiedler, H.: Effects of pregnancy on the glucose-induced insulin release from cultivated pancreatic islets of the rat, 138.

Circulatoria, Cardiologica, Angiologica, Diuretica

- Akasu, T., Ohta, Y., and Koketsu, K.: The effect of adrenaline on the electrogenic Na⁺ pump in cardiac muscle cells, 488.
- Bairati, Jr. A., De Biasi, S., and Pilotto, F.: Smooth muscle cells in the cusps of the aortic valve of pigs, 1636.
- Boriskina, G.M., Gulak, P.V., and Postnov, Yu.V.: Phosphoinositide content in the erythrocyte membrane of rats with spontaneous and renal hypertension, 744.
- Braselmann, H., Osswald, Ulrike, Wenzelides, K., and Seidler, E.: Determination of infarct size in rats with ⁸⁶Rubidium, 1478.
- Chen, W.F., Duckett, S., and Goldsmith, H.S.: Inter ommental-cerebral vascularization induced by ommental graft to the rat brain, 855.
- Constantinou, C.E., Neubarth, J.L., and Mensah-Dwumah, Monica: Frequency gradient in the autorhythmicity of the pyloureteral pacemaker system, 614.
- da Costa e Silva, A., and Albuquerque, Z.P.: Effect of experimental chronic renal failure upon the production of urea, as measured by the liver arginase activity in rats, 1465.
- Farges, J.P., Lièvre, M., Ollagnier, M., and Faucon, G.: Are anticholinergic effects responsible for the heterogeneous quinidine-induced modifications of heart muscle refractoriness?, 631.
- Fischer, G.M., and Swain, M.L.: Effect of sex hormones on plasma cholesterol in castrated and noncastrated male rats, 624.
- Fraser, J.R., Oliveira, P.H., and Hüttner, I.: Effect of blood pH on anionic ferritin transport through rat aortic endothelium, 1171.
- Givant, Y., and Sulman, F.G.: Quantitation of nitroglycerin in human blood after administration by sustained release, 643.
- Hertel, R., Henrich, H., and Assmann, R.: Intravital measurement of arteriolar pressure and tangential wall stress in normotensive and spontaneously hypertensive rats (established hypertension), 865.
- Hladovec, J.: Endothelial injury by nicotine and its prevention, 1585.
- Hogan, P.M., and Kallen, F.C.: Autorhythmic contractions of bat wing veins: Functional correlates between central and peripheral vascular pacemaker activity, 1422.
- Kallen, F.C.: Overview of circulation in the wing membrane, 1398.
- Kamiński, M., Kamińska, Grażyna, and Majewski, S.: Inhibition of new blood vessel formation in mice by systemic administration of human rib cartilage extract, 490.
- Karen, P., Pohlová, I., and Jelinek, J.: Influence of age on the renal renin response to a high salt intake in the rat, 622.
- Koyama, T., Mishina, H., Asakura, T., and Bruley, D.F.: Occurrence of eddy flow in the flowing plasma space in capillary blood vessel of frog web, 857.
- Martinez-Sierra, R., Andres-Trelles, F., and Vazquez Herrero, C.: Close relation between hypothalamic and cardiac norepinephrine during stress and its role in acute myocardial infarction dysrhythmias, 1611.
- Matthes, G., Hackensellner, H.A., and Hartwig, A.: Successful cryopreservation of auricle fragments from rat hearts at -196 °C, 1024.

- Mislin, H.: The active venous pulse in the wing circulation of bats (Chiroptera). A contribution to comparative angiology, Introduction, 1391.
- Nakamura, K., and Nakamura, K.: Selective activation of noradrenergic neurons in the brainstem and spinal cord of young spontaneously hypertensive rats, 1042.
- Nicoll, P.A.: Phasic activities in venular muscles of the bat wing, 1418.
- Peristiany, J.G., Huggel, H., and Bisetti, M.-L.: Functional characteristics and physical limitations of the active venous pulse in the bat wing: The effects of pressure and temperature, 1400.
- Peristiany, J.G., Huggel, H., and Bisetti, M.-L.: Interaction of Ca and K ions in governing spontaneous electrical and mechanical activity of bat wing veins, 1415.
- Pogátsa, G., and Dubecz, E.: The influence of hyperosmolality on heart function, 1600.
- Scott Ramsey, W., and Hertl, W.: Anaerobic specimen transport system, 851.
- Silberbauer, K., Sinzinger, H., Winter, Maya, Feigl, W., and Ring, F.: Prostacyclin-like activity of endothelium and subendothelium - important for atherosclerosis?, 1471.
- Smith, D.C., and El-Hage, A.: Effect of exercise training on the chronotropic response of isolated rat atria to atropine, 1027.
- Stein-Werblowsky, Rachel: Vascular permeability in malignant disease, 404.
- Tkachenko, B.I., Vinogradova, M.I., and Makovskaja, V.A.: A correlation of responses of the resistance and capacitance vessels of the intestine and kidney to changes of impulse in postganglionic nerves under pressor reflexes, 1298.
- Wangai, J., Ng'ang'a, J.N., Njoroge, D., Thairu, K., and Telang, B.V.: Centrally acting hypotensive fraction in the venom of *Dendroaspis angusticeps*, 874.
- Wiedeman, Mary P.: The chemical and pharmacological milieu, 1413.
- Wiedeman, Mary P.: Relevance of work on bats to our understanding of the role of active venous vasomotion in the circulatory system, 1421.
- Wroblewski, T.E., and Rodbard, S.: Vasomotor escape from adrenaline, noradrenaline or acetylcholine in the dog hind limb, 1467.
- Alimentaria, Gastroenterologica**
- Agrawal, O.P., and Bahadur, J.: Role of salivary glands in the maintenance of midgut amylase activity in *Periplaneta americana* L., 1552.
- Arvanitakis, C., and Folcroft, J.: Effect of pancreatic duct ligation on exocrine pancreatic function and structure in the rabbit, 77.
- Bobek, P., and Ginter, E.: Serum triglycerides and post-heparin lipolytic activity in guinea-pigs with latent vitamin C deficiency, 1554.
- Cho, C.H., and Ogle, C.W.: Does increased gastric mucus play a role in the ulcerprotecting effects of zinc sulphate?, 90.
- Cho, C.H., and Ogle, C.W.: Histamine H₁- and H₂-receptor-mediated gastric microcirculatory effects in the aetiology of stress ulceration in the rat stomach, 1294.
- Foesel, S., and Sewing, K.-Fr.: Enhancement of electrically stimulated guinea-pig gallbladder contraction by subthreshold concentrations of gastrointestinal hormones in vitro, 205.
- Hardcastle, J., Hardcastle, P.T., Flower, R.J., and Sanford, P.A.: The effect of bradykinin on the electrical activity of rat jejunum, 617.
- Howd, R.A., Adamovics, A., and Palekar, A.: Naloxone and intestinal motility, 1310.
- Kritchevsky, D., Story, J.A., and Klurfeld, D.M.: Dissolution of gallstones in hamsters by 3-hydroxy-3-methylglutaric acid, 1328.
- LeFevre, M.E., Vanderhoff, J.W., Laissue, J.A., and Joel, D.D.: Accumulation of 2-µm latex particles in mouse Peyer's patches during chronic latex feeding, 120.
- Mahmood, A., Pathak, R.M., and Agarwal, N.: Effect of chronic alloxan diabetes and insulin administration on intestinal brush border enzymes, 741.
- Mainoya, J.R.: Possible influence of prolactin on intestinal hypertrophy in pregnant and lactating rats, 1230.
- Miale, T., Stenke, L., Lindsten, J., and Reizenstein, P.: Iron malabsorption and hypochromic anemia in a case of Turner's syndrome, 1220.
- Modlin, I.M., Bloom, S.R., and Mitchell, S.: Plasma vasoactive intestinal polypeptide (VIP) levels and intestinal ischaemia, 535.
- Nandi Majumdar, A.P., and Nakhla, A.M.: Pentagastrin induction of acetylcholinesterase activity in cerebral cortex of rats, 974.
- Prasad, R., Mukhopadhyay, A., and Prasad, N.: Variation in the lactate dehydrogenase activity of the esophagus, 484.
- Ramakrishnan, C.V., and Subramoniam, A.: Effect of prenatal and neonatal pantothenic acid deficiency on rat intestinal phosphatases, 435.
- Saito, Masayuki, and Suda, Masami: Disaccharidase rhythm in rat small intestine: no relationship with mitosis rhythm, 700.
- Seidel, G., and Endell, W.: Prolonged action of drugs in rats with flavonoid-deficiency, 1614.
- Sherman, Adria Rothman, and Wolinsky, Ira: Lysozyme levels in tissues of iron-deficient rats, 367.
- Spenney, J.G.: Gastrin stimulated H⁺ secretion in amphibian gastric mucosa: Effect of tetrodotoxin, 625.
- Stanton, Marge F., Ahrens, R.A., and Douglass, L.W.: Coffee and cola beverage consumption as heart disease risk factors in men, 1182.
- Stragand, J.J., and Hagemann, R.F.: Effect of parathyroidectomy on the fasting-refeeding response in the rat colon, 189.
- Youson, J.H., and Sidon, E.W.: Lamprey biliary atresia: First model system for the human condition?, 1084.
- Haematologica, Serologica**
- Adhikary, P.K., Haynes, J.K., Patthey, H.L., and Rhodes, R.S.: A new antisickling agent: In vitro studies of its effect on S/S erythrocytes and on hemoglobin S, 804.
- Behne, D., Berswordt-Wallrabe, R. von, Elger, W., and Wolters, W.: Glutathione peroxidase in erythrocytes and plasma of rats during pregnancy and lactation, 986.
- Ben-Ishay, Z., Reichert, F., and Sharon, S.: Migration of lymphoid cells to the bone marrow of rat following eradication of cells in DNA synthesis and in mitosis, 1369.
- Bhatti, R.A., Ablin, R.J., Guinan, P.D., Totonchi, E., and Zamora, S.: Effect of diethylstilboesterol diphosphate on tumour-associated immunity in prostatic cancer. A preliminary report, 1364.
- Daskalov, D., and Gavasova, I.: Isolation of histone proteins from rat normal and tumour blood plasma, 522.
- Delrez, M., Ikeh, V., Maisin, J.R., Mattelin, G., Haot, J., and Betz, E.H.: Influence of a mixture of chemical protectors on the lymphoid regeneration of bone marrow and thymus in irradiated mice, 1221.
- Dieterlen-Lièvre, Françoise: Yolk sac erythropoiesis, 284.
- Fantini, G.P., Bottecchia, D., Gruppo, P., Nassuato, G., and Barbera, M.: Platelet aggregation following electrical stimulation, 661.
- Gong, J.K., and DeLuca, C.: Infusion at constant rate in vivo (Pro experimentis), 672.
- Halberg, F., Lee, Jung Keun, and Nelson, W.: Time-qualified reference intervals - chronodesms, 713.
- Horisberger, M.: Agglutination of erythrocytes using lectin-labeled spacers, 721.
- Iwata, H., Masukawa, T., Kasamatsu, S., and Komemushi, S.: Stimulation of methemoglobin reduction by selenium: A comparative study with erythrocytes of various animals, 534.
- Kagimoto, T., Hayashi, F., Yamasaki, M., Morino, Y., Akasaka, K., and Kishimoto, S.: ³¹P-NMR study on nucleotides and intracellular pH of hereditary spherocytes, 1092.
- Kasprisin, D.O., and Pang, E.J.: The effect of epinephrine on granulocyte adhesion, 119.
- Kelly, Sally, and Schedlbauer, L.: Glutathione peroxidase in dried blood spots, 1560.
- Kemona, H., Prokopowicz, J., and Wotosowicz, N.: The count of blood platelets and sex in humans, 257.
- Khan, Ralph A.A.: Use of stannous methylene diphosphonate for labelling red blood cells with ^{99m}Tc, 261.
- Kistler, A., and Keller, P.: Inhibition of glycolysis by L-sorbose in dog erythrocytes, 800.
- Knull, H.R., Bronstein, W.W., and Porter, P.J.: Adenosine triphosphate and diphosphoglycerate levels in red blood cells from patients with Down's syndrome, 1133.
- Kuwahara, St. S., and Chambers, W.T.: Destruction of the platelet aggregating activity of ristocetin A, 532.
- Lorez, H.P., and Da Prada, M.: Fluorescence microscopical study of 5-hydroxytryptamine storage organelles in mepacrine-incubated blood platelets of beige mice (Chediak-Higashi syndrome), 663.
- Martino, R., and Zampirolo, P.: A mathematical analysis of the disksphere transition of the human red cell, 466.

- Mato, M., and Aikawa, E.: Changes of profiles of neutrophil granulocytes induced with the administration of L-DOPA and prednisolone, 506.
- McLean, A.J., and Dowling, J.: Type III (Arthus) allergic reactions and endotoxin toxicity in guinea-pigs, 236.
- Miale, T., Stenke, L., Lindsten, J., and Reizenstein, P.: Iron malabsorption and hypochromic anemia in a case of Turner's syndrome, 1220.
- Miller, S.C., Kaiserman, M., and Osmond, D.G.: Small lymphocyte production and lymphoid cell proliferation in mouse bone marrow, 129.
- Mishler, J.M., and Benedict, C.R.: Dexamethasone-induced neutrophilia. Negative correlation with increased plasma adrenaline concentrations, 259.
- Miyoshi, I., Hiraki, S., Nakamura, K., Tanaka, T., and Kimura, I.: Ocular involvement in hamsters transplanted with a human leukemic T-cell line, 1089.
- Nissen, Catherine, Henauer, J., and Speck, B.: In vitro cytostatic effect of adenine-arabinoside (Ara-A) and cytosine-arabinoside (Ara-C), 1219.
- Reyers, I., Donati, M.B., and Gaetano, G. de: Effect of pretreatment with acetylsalicylate on surgical bleeding and perioperative mortality in rats undergoing kidney transplantation, 664.
- Sabag, N., Castrillón, M.A., and Tchermitchin, A.: Cortisol-induced migration of eosinophil leukocytes to lymphoid organs, 666.
- Silberbauer, K., Sinzinger, H., Winter, Maya, Feigl, W., and Ring, F.: Prostacyclin-like activity of endothelium and subendothelium - important for atherosclerosis?, 1471.
- Singh, K.: Serum iron level of the common Indian frog *Rana tigrina* Daud., 433.
- Singh, Kavindra, and Singh, Km.N.: Effect of seasonal variations and cold acclimation on serum transaminase activity of common Indian frog *Rana tigrina*, 1130.
- Slade, B., and Milne, J.: The ontogeny of α -foetoprotein in the chicken, 520.
- Sudár, F., and Csaba, G.: Scanning-autoradiography - a new method for the demonstration of membrane-surface-associated structures (Pro experimentis), 416.
- Szmítowski, M., and Prokopowicz, J.: Distribution of CSF (colony stimulating factor) in kidney of the mouse, 1365.
- Tedeschi, G.G., Bondi, A., Paparelli, M., and Sprovieri, G.: Electron microscopical evidence of the evolution of corynebacteria-like microorganisms within human erythrocytes, 458.
- Tedeschi, G.G., Sprovieri, G., and Del Prete, Paola: Cocci and diphtheroids in blood cultures from patients in various pathological situations, 596.
- Thomson, A.W., Pugh-Humphreys, R.G.P., Tweedie, D.J., and Horne, C.H.W.: Effects of the antiprotease Trasylol® on peripheral blood leucocytes, 528.
- Van der Weyden, M.B., Bailey, L., and Garson, O.M.: Human adenosine deaminase and chromosome 20, 531.
- Wardle, E.N.: An antibody to low density lipoprotein in diabetics, 886.
- White, J.F., Jones, J.B., Lange, R.D., and Fuhr, J.E.: Evidence for the existence of an agent in the serum of the cyclic hematopoietic dog which influences hemoglobin synthesis, 1367.
- Yoshida, K., Ohtomo, T., and Usui, Y.: Interaction of an alkali stable polysaccharide from cell surface of *Staphylococci* with human fibrinogen, 885.
- Immunologica, Allergica**
- Assoku, R.K.G., and Tizard, I.R.: Mitogenicity of autolysates of *Trypanosoma congolense*, 127.
- Banks, Barbara E.C., Carstairs, Jill R., Ennis, Madeleine, Pearce, F.L., and Vernon, C.A.: On the mechanism of immunosympathectomy, 1371.
- Bhatti, R.A., Ablin, R.J., Guinan, P.D., Totonchi, E., and Zamora, S.: Effect of diethylstilboesterol diphosphate on tumour-associated immunity in prostatic cancer. A preliminary report, 1364.
- Boyd, W.H., Peters, A., and Morris, G.: Binding bovine immunoglobulins to anterior lobe cells of the hypophysis, 1090.
- Chatterjee, B.P., Chatterjee, S., and Uhlenbruck, G.: Different precipitin reactions of the *Abrus precatorius* lectin, 531.
- Dieterlen-Lièvre, Françoise: Yolk sac erythropoiesis, 284.
- Drewes, Patricia A., Kamp, A.O., and Winkelman, J.W.: Radioimmunoassay of polyacrylamide, 316.
- Dumont, F.: Bacterial lipopolysaccharide (LPS) enhances concanavalin A reactivity of thymocytes from the low-LPS-responder mouse strain C3H/HeJ, 125.
- Fujita, K., Suzuki, I., Ochiai, J., Shinpo, K., Inoue, S., and Saito, H.: Specific reaction of aloe extract with serum proteins of various animals, 523.
- Guerinot, F., et Bohuon, C.: Préparation des sous-unités de la dopamine β hydroxylase humaine et des anticorps anti-sous-unités (Pro experimentis), 820.
- Hála, K., Vilhelmová, Miloslava, Schulmanová, Jana, and Sainerová, Hana: A spontaneous chicken chimaera, 1556.
- Hoenig, Sh., Katzap, I., and Leibovici, J.: Suppression of humoral immune response in mice by administration of high molecular levan, 1362.
- Kambara, T., Hirata, M., and Hiraoka, T.: Neutral proteases in the guinea-pig lymphocytes, 526.
- Kamiński, M., Kamińska, Grażyna, and Majewski, S.: Inhibition of new blood vessel formation in mice by systemic administration of human rib cartilage extract, 490.
- Kawa, A., Nakazawa, M., Kono, Y., Sakaguchi, S., Nakamura, S., and Kanehisa, T.: HLA BW54 and B5 in Japanese diabetics with juvenile-onset and insulin-dependency (with special reference to the family history), 669.
- Kigoshi, S.: Relationship between lymphoid cell population and levels of cholesterol or phospholipids, 1222.
- Kopolovitz, J., Fields, M., and Laufer, A.: Effect of papain on experimental amyloidosis, 524.
- Larsen, B., and Heron, I.: Modification of lymphocyte response to phytohemagglutinin by polycations and polyanions, 1224.
- LeFevre, M.E., Vanderhoff, J.W., Laissue, J.A., and Joel, D.D.: Accumulation of 2- μ m latex particles in mouse Peyer's patches during chronic latex feeding, 120.
- Marušić, M.: The environment in which lymphocytes differentiate influences their ability to cooperate in vivo, 806.
- Marušić, M., Allegretti, N., and Čulo, F.: Influence of the thymus on the incidence of secondary and paratuberculous disease, 258.
- Mašek, K., Zaal, M., Ježek, J., and Straka, R.: Immunoadjuvant activity of synthetic N-acetyl muramyl dipeptide, 1363.
- McLean, A.J., and Dowling, J.: Type III (Arthus) allergic reactions and endotoxin toxicity in guinea-pigs, 236.
- Miller, S.C., Kaiserman, M., and Osmond, D.G.: Small lymphocyte production and lymphoid cell proliferation in mouse bone marrow, 129.
- Mizejewski, G.J.: Studies of autoimmune induction in the rat lacrimal gland, 1093.
- Mori, T., Nishimoto, T., Kitagawa, M., Noda, Y., Nishimura, T., and Oikawa, T.: Possible presence of autoantibodies to zona pellucida in infertile women, 797.
- Neurath, A.R., Prince, A.M., and Giacalone, J.: Large-scale purification of hepatitis B surface antigen using affinity chromatography (Pro experimentis), 414.
- Neveu, P.J., Morin, O., Miègeville, M., Le Mevel, B.P., and Vermeil, C.: Modulation of antibody synthesis by an anti-tumour alga, 1644.
- Nielsen, K., Sheppard, J., Holmes, W., and Tizard, I.: Increased susceptibility of *Trypanosoma lewisi* infected, or decompartmented rats to *Salmonella typhimurium*, 118.
- Novák, R., Matkovic, B., Marik, M., and Facht, J.: Changes in mouse liver superoxide dismutase activity and lipid peroxidation during embryonic and postpartum development, 1134.
- Obrist, R., Albrecht, R., and Nagel, G.A.: Identification of lymphocyte subpopulations by simultaneous E-rosette formation and unspecific acid esterase staining, 660.
- Olaf, I., and Glick, B.: Secretory cell in the medulla of the bursa of Fabricius, 1642.
- Powell, C.N.: Experimental immunity against trypanosomiasis, 1450.
- Puccetti, P., Giampietri, A., and Fioretti, M.C.: Long-term depression of two primary immune responses induced by a single dose of 5-(3,3-dimethyl-1-triazeno)-imidazole-4-carboxamide (DTIC), 799.
- Reyers, I., Donati, M.B., and Gaetano, G. de: Effect of pretreatment with acetylsalicylate on surgical bleeding and perioperative mortality in rats undergoing kidney transplantation, 664.
- Rouse, B.T., Babiuk, L.A., and Henson, P.M.: Neutrophils are mediators of antiviral immunity, 346.
- Sabag, N., Castrillón, M.A., and Tchermitchin, A.: Cortisol-induced migration of eosinophil leukocytes to lymphoid organs, 666.
- Saddler, J.N., and Wardlaw, A.C.: Superiority of human complement for assaying bacterial lipopolysaccharides by their anticomplementary activity, 1227.

- Scharovsky, Graciela O., Dlugovitzky, Diana G., Morini, J.C., and Londner, M.V.: Evidence for in vivo protection against a rat sarcoma by allogeneic spleen lymphocytes, 1366.
- Slade, B., and Milne, J.: The ontogeny of α -foetoprotein in the chicken, 520.
- Stein-Werblowsky, Rachel: On the lymphatic spread of cancer, 1340.
- Sudár, F., and Csaba, G.: Scanning-autoradiography - a new method for the demonstration of membrane-surface-associated structures (Pro experimentis), 416.
- Thomson, A.W., Pugh-Humphreys, R.G.P., Tweedie, D.J., and Horne, C.H.W.: Effects of the antiprotease Trasylol® on peripheral blood leucocytes, 528.
- Van der Weyden, M.B., Bailey, L., and Garson, O.M.: Human adenosine deaminase and chromosome 20, 531.
- Vardhani, V., and Johri, G.N.: Rejection of worm load through singly and repeatedly sensitized peritoneal exudate cells during experimental ancylostomiasis, 122.
- Volpe, E.A.: Serum activity inhibiting specific simian virus 40-induced transplantation resistance and its correlation with primary SV40 tumors appearance in hamsters, 113.
- Wardle, E.N.: An antibody to low density lipoprotein in diabetics, 886.
- Warren, G.H., Mills, L., and Friedman, H.: Immunomodulating effects in vitro of a hydroxythiazolobenzimidazole in the absence of mitogenicity, 802.
- Wintzer, G., Uhlenbruck, G., Steinhausen, G., and Carmann, H.: New lectin receptors in carcinoembryonic antigen (CEA), 255.
- Ziska, P., Franz, H., and Kindt, A.: The lectin from *Viscum album* L. purification by biospecific affinity chromatography, 123.
- Microbiologica, Parasitologica, Chimiotherapeutica**
- Abrahamsson, S., Hellgren, L., and Vincent, J.: Prostaglandin-like substances in *Propionibacterium acnes*, 1446.
- Allet, B.: Structure at the ends of bacteriophage Mu DNA, 1658.
- Arber, W., Jütte, Helga, Caspers, P., and Iida, S.: The bacteriophage P1 plasmid can serve as a trap for transposing host insertion elements, 1660.
- Arnheiter, H., Haller, O., and Lindenmann, J.: Innate resistance against influenza is expressed in cultured liver cells, 1663.
- Bach, B., Gregson, R.P., Holland, G.S., Quinn, R.J., and Reichelt, J.L.: L-Azetidine-2-carboxylic acid, the antidermatophyte constituent of two marine sponges, 688.
- Bächli, B., Reiser, J., and Pirrotta, V.: Specificity of the Eco PI restriction modification endonuclease, 1660.
- Baguley, B.C.: The inhibition of glucan synthesis in yeast protoplasts by papalacandin, a glucose-containing antibiotic, 1667.
- Beacco, E., Bianchi, M.L., Minghetti, A., and Spalla, C.: Directed biosynthesis of analogues of ergot peptide alkaloids with *Claviceps purpurea*, 1291.
- Bendinelli, M., Matteucci, D., Toniolo, A., and Friedman, H.: Effect of infection of mice with Friend leukemia complex viruses on background antibody-forming cell production in vitro, 1161.
- Bommeli, W., Kihm, U., and Fey, H.: The replacement of labelled anti-species gamma-globulines with labelled protein A for the detection of viral antibody titers, 1662.
- Bossart, W., Nuss, D., and Paoletti, E.: Studies on vaccinia mRNA biosynthesis using in vitro translation systems, 1665.
- Botton, B.: Quelques aspects de la croissance rhizomorphe chez le *Sphaerostilbe repens*, 1005.
- Braun, R., and Seebeck, T.: Ribosomal DNA: extrachromosomal genes of *Physarum*, 1670.
- Brunner, W., and Leisinger, Th.: Bacterial degradation of dichloromethane, 1671.
- Caro, L., Chandler, M., Silver, L., and Lane, D.: The r-determinant of the drug-resistance plasmid R 100.1, 1659.
- Carrascosa, J.L., and Steven, A.C.: Relationship of cleavage with structural transformation in giant T4 capsids, 1666.
- Casinovi, C.G., Grandolini, G., Radics, L., and Rossi, C.: A p-menthane derivative isolated from culture filtrates of *Fusicoccum amygdali*, Del., 298.
- Chakrabarty, P.K.: DNA sequence relatedness of some *Neurospora* isolates, 47.
- Chopra, A.K., Jain, S.K., Vinayak, V.K., and Khuller, G.K.: Phospholipid composition of *Dipylidium caninum*, 1457.
- Cruthers, L.R., Haugwitz, R.D., Haslanger, M., Maurer, B.V., Watrous, J., and Linkenheimer, W.H.: Injectable benzimidazole anthelmintics effective against liver flukes, tapeworms, lungworms and gastrointestinal roundworms, 1574.
- Dhariwal, K.R., and Venkatasubramanian, T.A.: Effect of Tween 80 on lipids of *Mycobacterium phlei* ATCC 354, 303.
- Döbeli, H., and Nüesch, J.: Allosteric behaviour of O-acetyl-L-serine sulphydrylase of *Cephalosporium acremonium*, 1668.
- Ebersold, H.R., Lüthy, P., Geiser, P., and Ettlinger, L.: The action of the δ -endotoxin of *Bacillus thuringiensis*: an electron microscope study, 1672.
- Engels, M., and Metzler, A.: Bovine herpes mammillitis in Switzerland: a seroepizootologic survey, 1662.
- Felix, H.R., and Wehrli, W.: RNA synthesis in *Escherichia coli* cells made permeable to nucleoside triphosphates by various methods, 1667.
- Frey, J., and Caro, L.: The effect of an *Escherichia coli* *dnaA*₈₅ mutation on the replication of the plasmids col EI and RTF-TC, 1666.
- Fuji, K., Fujita, E., Takaishi, Y., Fujita, T., Arita, I., Komatsu, M., and Hiratsuka, N.: New antibiotics, trichopolyns A and B: Isolation and biological activity, 237.
- Gasser, M., Mohr, D., Strasser, S., and Wyrsh, U.: Staphylococcal protein A - a tool in diagnostic microbiology and serology, 1662.
- Ghosal, S., Banerjee-Chakrabarti, S., Chakrabarti, D.K., and Basu-Chaudhary, K.C.: Toxic substances produced by *Fusarium* VI. Anti-*F. oxysporum* f. sp. *carthami* effect of 2,2',4-trihydroxybenzophenone, 229.
- Hamilton, R.G., and Walker, R.I.: Labeling of endotoxin lipopolysaccharide with technetium-99m pertechnetate, 582.
- Horisberger, M.A., and Brambilla, R.: The influenza virus transcriptase and its transcription products, 1664.
- Hugentobler, A.-L., Bienz, K., and Löffler, H.: Influence of poliovirus infection on S-phase and mitosis of the host cell, 1663.
- Iida, S., Hänni, Christine, Meyer, J., Echarti, Christine, and Arber, W.: IS1-mediated transposition and amplification of drug resistance determinants in *Escherichia coli* and its phage P1, 1660.
- Illés, J.: About effective immunization against tuberculosis, 1661.
- Joky, A., Cornu, M., Louis, D., and Grimaud, J.A.: Polyvinylchloride (PVC) particles implantation in mouse liver. A technique for experimental study of schistosome eggs-induced liver pathology (Pro experimentis), 547.
- Kataoka, S., Williams, T.H., Sandquist, D., and Sahu, S.K.: Electronmicroscopic identification of type C particles in cultured murine neuroblastoma, 879.
- Kato, L., Mankiewicz, E., and Thököly, I. de: An approach for the in vitro screening of drugs for activity against leprosy, 1322.
- Kayser, F.H.: Clinical laboratory evaluation of an automated microbial detection and identification system (AMSTTM), 1661.
- Kayser, F.H., Devaud, M., and Homberger, F.: Transposable genetic elements in a *Salmonella dublin* wild type strain, 1659.
- Khanna, K.K., and Chandra, S.: A homeopathic drug controls mango fruit rot caused by *Pestalotia mangiferae* Henn., 1167.
- Kieser, T., Cramer, R., Suter, M., and Hütter, R.: Genetic characterization of albino mutants of *Streptomyces glaucescens*, 1668.
- Klaus-Fuchs, H., Tschopp, F., Hütter, R., and Fischer, J.: Bacterial substance similar to parathyroid hormone, 1671.
- Lautier, F., Razafitsalama, D., and Lavillaureix, J.: Method for the study of irritation and superficial aggressivity of antiseptics applied topically to the skin, 1665.
- Lebek, G., and Petri, L.: Combination of intercalation and antibiotic treatment with R-host cells, 1666.
- Lebek, G., and Zünd, P.: A lactose-gene in a nonconjugative f_i^+ -R-factor from *Klebsiella pneumoniae*, 1659.
- Levanon, D.: Isolation and properties of cell walls from *Agrobacterium tumefaciens* B₆, 354.
- Lloyd, S., Soulsby, E.J.L., and Theodorides, V.J.: Effect of alben-dazole on the metacercariae of *Taenia saginata* in calves, 723.
- Masson, A., Michel, R., and Richoz, E.: Bacteriology of mineral waters: Influence of PVC on the growth of *Pseudomonas aeruginosa* and *Pseudomonas fluorescens*, 1665.
- Matsuno, T., Shirasawa, N., Umino, Y., Katow, S., and Shishido, A.: Susceptibility of chick neural retina to viral multiplication in vitro during embryonic development, 54.
- McLean, A.J., and Dowling, J.: Type III (Arthus) allergic reactions and endotoxin toxicity in guinea-pigs, 236.
- Miczák, A., and Juhász, A.: Porphobilinogen-accumulation by a porphyrin auxotrophic strain of *Bacillus subtilis*, 1158.
- Modde, H.: Etude de l'influence de la tension d'O₂, de CO₂ et de l'anaérobiose sur la morphologie et le nombre des colonies de pneumocoque, 1285.
- Morel, G.: Isolement de deux chlamydiales (rickettsies) chez un arachnide: L'araignée *Pisaura mirabilis* Cl., 344.
- Nath, S.: Effect of relative humidity on the free-living stages of *Strongyloides papillosus* (Rhabdiasoidea: Nematoda), 580.

- Neri, P., Antoni, G., and Tarli, P.: Difference in resistance of subunits A and B of *Vibrio cholerae* toxin (cholera toxin) to treatment with pronase, 1293.
- Newsome, A. L., and Harley, J. P.: *Trichinella spiralis*: Acceleration and inhibition of cyst calcification in rats, 1567.
- Niederberger, P., and Hütter, R.: The 'general control of amino acid biosynthesis' in *Saccharomyces cerevisiae* acts also on the carbon metabolism, 1670.
- Novak, Marie: Environmental temperature and the growth of *Taenia crassiceps* cysticerci in mice, 1149.
- Oulevey, N., Dicker, J. W., and Turian, G.: Striated inclusions and defective mitochondria in the restricted form of the 'amycelial' mutant of *Neurospora crassa*, 840.
- Pache, W., Keller, C., and Kuhn, M.: Cleavage of echinocandin B with polymyxin acylase liberating the fatty acid and recylation of the peptide moiety, 1670.
- Panitz, E., Daniels, P. J. L., Loebenberg, D., Nafissi-V., M. M., and Waitz, J. A.: Anthelmintic activity of tioxadazole (Sch 21480) against gastrointestinal roundworms, 733.
- Papageorgiou, V. P.: Wound healing properties of naphthaquinone pigments from *Alkanna tinctoria*, 1499.
- Paroz, Ph., and Nicolet, J.: Glycoproteins in mycoplasmas. Contamination with serum aggregates from growth media, 1668.
- Piffaretti, J. C., and Froment, Y.: Structure and properties of the R-factor P111 system in different *Escherichia coli* strains, 1659.
- Pitton, J.-S.: Drug-resistance survey in Switzerland: an approach, 1660.
- Platica, Micsunica, Harding, W., and Hollander, V. P.: Dithiols simulate endotoxin in the *Limulus* reaction, 1154.
- Powell, C. N.: Experimental immunity against trypanosomiasis, 1450.
- Qureshi, M. A., and Mayee, C. D.: Biological relationship of cucumis virus-3 and powdery mildew fungus in bottle gourd, 336.
- Rahman, A. A., and Sethi, K. K.: Intracellular behaviour of *Leishmania enriettii* within murine macrophages, 598.
- Rajasekariah, G. R.: *Chaetogaster limnaei* K von Baer 1872 on *Limnaea tomentosa*: Ingestion of *Fasciola hepatica* cercariae, 1458.
- Richmond, M. H.: Transposition and the evolution of antibiotic resistance, 1657.
- Reigel, F., and Koblet, H.: Subviral particles from Semliki Forest Virus (SFV) infected chick embryo fibroblasts (CEF), 1664.
- Robertson, L. W., Koh, S.-W., Huff, S. R., Malhotra, R. K., and Ghosh, A.: Microbiological oxidation of the pentyl side chain of cannabinoids, 1020.
- Rouse, B. T., Babiuk, L. A., and Henson, P. M.: Neutrophils are mediators of antiviral immunity, 346.
- Saedler, H.: DNA rearrangements and their importance in the evolution of gene systems, 1658.
- Sasi, P. K., and Raj, R. K.: Evidence for the metabolism of phospholipids and triacylglycerols in human *Ascaris lumbricoides*, 1156.
- Saxena, Rajendra K., and Sinha, Umakant: Metabolic status of temperature induced swollen conidia of *Aspergillus nidulans*, 43.
- Schaffer, P., Grange, D., and Lavillaureix, J.: Typology and cluster analysis of 1529 *Pseudomonas aeruginosa* strains marked by serological and phage typing, 1661.
- Schärli, C., Gyalog, R., and Kellenberger, E.: Study of the α -particle, a new intermediate in bacteriophage T4 head maturation, 1666.
- Schiefer, H.-G., Krauss, H., Schummer, U., Brunner, H., and Gerhardt, U.: Cytochemical localization of surface carbohydrates on mycoplasma membranes, 1011.
- Schilt, U.: Rubella immunofluorescence as an alternative to hemagglutination-inhibition, 1664.
- Schümperli, D., Loepfe, E., Peterhans, E., and Wyler, R.: Stimulation of 2-deoxy-D-glucose uptake in HeLa cells after rabbit poxvirus infection, 1665.
- Schupp, T., and Roos, R.: The determination of the final step of the rifamycin B biosynthesis by a chromosomal gene, 1669.
- Schürch, A. R., and Bieri-Bonniot, F.: Possible mechanism of inhibition of DNA polymerases sensitive to β -lapachone, 1667.
- Schurter, W., Kissling-Abderhalden, M., and Leisinger, Th.: Glaucescin, a bacteriocin-like substance from *Streptomyces glaucescens*, killing germinating spores, 1669.
- Schwitzguébel, J.-P., and Ettlinger, L.: Pyruvate orthophosphate dikinase from *Acetobacter aceti*, 1670.
- Siegl, G., and Frösner, G. G.: Physicochemical and morphological properties of virus particles associated with hepatitis A, 1663.
- Singh, J., and Ranganathan, B.: Increase of proteolytic activity in *Lactobacillus casei* by X-ray irradiation, 183.
- Singh, U. P., Sakai, A., and Singh, A. K.: White leaf disease of *Cynodon dactylon* Pers., a mycoplasmal disease in India, 1447.
- Sosa, A., Gonzalez-Angulo, A., Calzada, L., and Alva, S.: Presence of ATPase on the vesicular membrane of *Cysticercus cellulosae*. A high resolution cytochemical study, 175.
- Späth, P. J., and Koblet, H.: *Aedes albopictus* (mosquito) cells showing strong response to Semliki Forest Virus (SFV) infection, 1664.
- Steck, F., Häfliger, U., Stocker, Ch., and Wandeler, A.: Oral immunization of foxes against rabies, 1662.
- Sudár, F., and Csaba, G.: Scanning-autoradiography - a new method for the demonstration of membrane-surface-associated structures (Pro experimentis), 416.
- Suter, M., Hütter, R., and Leisinger, Th.: Induction of albino mutants in *Streptomyces glaucescens*, 1669.
- Tedeschi, G. G., Bondi, A., Paparelli, M., and Sprovieri, G.: Electron microscopical evidence of the evolution of corynebacteria-like microorganisms within human erythrocytes, 458.
- Tedeschi, G. G., Sprovieri, G., and Del Prete, Paola: Cocci and diphtheroids in blood cultures from patients in various pathological situations, 596.
- Tripathi, R. D., Srivastava, H. S., and Dixit, S. N.: A fungitoxic principle from the leaves of *Lawsonia inermis* Lam., 51.
- Turian, G.: The 'Spitzenkörper', centre of the reducing power in the growing hyphal apices of two septomycetous fungi, 1277.
- van Eijk, G. W., and Roeymans, H. J.: Naphthoquinone derivatives from the fungus *Hendersonula toruloides*, 1257.
- Vaudaux, P., and Waldvogel, F. A.: Methicillin-resistance does not influence survival of *Staphylococcus aureus* in an in vitro phagocytic assay, 1661.
- Vetterli, J., and Ettlinger, L.: Release of cellbound tyrosinase by *Streptomyces glaucescens*, 1669.
- Warenycia, M. W., Allen, J. R., Babiuk, L. A., Gordon, J. R., and Grewal, A. S.: Identification of *Trypanosoma theileri* as a contaminant in primary cultures of bovine retina, 473.
- Witte, R., Bachmann, P. A., Mayr, A., and Wyler, R.: Genetic heterogeneity among different isolates of parapoxviruses, 1664.
- Yamashita, S., Seyama, Y., and Ishikawa, N.: Antimicrobial activity of metal derivatives of sulfonamides, 472.
- Zeyer, J., Bodmer, J., and Hütter, R.: Microbial degradation of hydroxy-derivatives of s-triazine herbicides, 1671.
- Zimmermann, W.: Mutants of *Pseudomonas aeruginosa* with increased antibiotic sensitivity: Properties and possible applications, 1667.

Oncologica, Carcinologica, Cytostatica

- Abreu, L. A., and Abreu, R. R.: Changes induced by Ehrlich ascites carcinoma in hepatic fumarase and aconitase activities, 1536.
- Agostini, C.: Effect of sodium octanoate on leucine incorporation into protein of rat liver slices and of Yoshida ascites hepatoma cells, 232.
- Angsubhakorn, S., Bhamarapravati, N., Romruen, K., Sahaphong, S., and Thamavit, W.: Alpha benzene hexachloride inhibition of aflatoxin B₁-induced hepatocellular carcinoma. A preliminary report, 1069.
- Arcamone, F., Bernardi, L., Patelli, B., Giardino, P., Di Marco, A., Casazza, A. M., Soranzo, C., and Pratesi, G.: Synthesis and antitumour activity of new daunorubicin and adriamycin analogues, 1255.
- Arfellini, G., Prodi, G., and Grilli, S.: Removal of 5-bromo-2-deoxyuridine incorporated in liver DNA of newborn and young adult rats, 185.
- Bhatti, R. A., Ablin, R. J., Guinan, P. D., Totonchi, E., and Zamora, S.: Effect of diethylstilboesterol diphosphate on tumour-associated immunity in prostatic cancer. A preliminary report, 1364.
- Carruthers, C., Baumbler, A., and Pauly, S.: Hepatoma induction in the rat by the subcutaneous administration of powdered 3'-methyl-p-dimethylaminoazobenzene, 788.
- Chakrabarti, S., and Chakrabarti, A.: Stable and transmissible dicentric chromosome with terminal centromeres in ascites cells of mouse sarcoma 180, 1271.
- Chan, J. T., and Black, H. S.: The mitigating effect of dietary antioxidants on chemically-induced carcinogenesis, 110.
- Chau, Irene Y., and Archer, M. C.: Inhibition of rat hepatic dimethylnitrosamine demethylase by cyclic and acyclic nitrosamines and secondary amines, 1505.
- Chen, Y. M., and Chavin, W.: Serum tyrosinase in human lung carcinoma, 20.
- Chen, Y. M., and Chavin, W.: In vitro effects of melanocytolytic agents and other compounds upon dominant human melanoma tyrosinase activity, 21.

- Chew, E.C.: Relationship between A-type and C-type particles in Ehrlich ascites tumor cells, 1086.
- Feldman, M.K.: Decreased serum responsiveness by primary monolayer cultures of preneoplastic and neoplastic mammary epithelial cells, 97.
- Fraeyman, N.H., De Potter, W.P., and De Schaepestryer, A.F.: Subcellular localization of noradrenaline and ATP in C₁₃₀₀ mouse neuroblastoma, 1210.
- Gassel, W.D., Laukel, H., Braun, R., and Wolf, G.: The influence of a new antitumor agent on hemopoietic colony forming cells, 765.
- Gulati, P.K., and Dubey, D.P.: Comparative incorporation of uridine-³H into nucleolar RNA of mouse subcutaneous and skin tissues at early times after 20-methylcholanthrene administration, 396.
- Hakim, A.A.: Isolation of a growth-stimulating agent from human skin fibroblast cultures, 1515.
- Halberg, F., Lee, Jung Keun, and Nelson, W.: Time-qualified reference intervals - chronodesms, 713.
- Hollmann, K.H., et Verley, J.M.: Les cellules mammatropes et somatotropes de l'antehypophyse chez la souris C3H porteuse de tumeur mammaire spontanée. Etude quantitative au microscope électronique, 98.
- Inglot, Anna D., and Oleszak, Emilia: Effect of non-steroidal anti-inflammatory drugs on Moloney sarcoma virus inoculated mice, 1615.
- Islam, M.N.: Evidence for possible emergence of immunochemically distinct nucleotide-peptides in malignant transformation, 254.
- Ivankovic, S.: Gastric cancer in rats after chronic intraperitoneal application of sap of green parts of potatoes (*Solanum tuberosum* L.), 645.
- Kataoka, S., Williams, T.H., Sandquist, D., and Sahu, S.K.: Electronmicroscopic identification of type C particles in cultured murine neuroblastoma, 879.
- Kato, Y., and Takayama, S.: Quantitative studies on in vitro transformation of hamster chondrocytes, 239.
- Kistler, A.: Inhibition of vitamin A action in rat bone cultures by inhibitors of RNA and protein synthesis, 1159.
- Kitao, T., Hattori, K., and Takeshita, M.: Agglutination of leukemic cells and daunomycin entrapped erythrocytes with lectin in vitro and in vivo, 94.
- Larsen, B., and Heron, I.: Modification of lymphocyte response to phytomitogens by polycations and polyanions, 1224.
- Lupulescu, A.: Effect of prostaglandins on skin tumorigenesis, 785.
- Lyle, R.E., and Lyle, Gloria G.: Comments on the significance of the quasi-valence number for chemical carcinogenesis (Disputandum), 1653.
- Madyastha, K.R., Madyastha, P.R., and Wood, G.W.: Binding of fluoresceinated lectins to normal and dinitrofluorobenzene treated human leucocytes, 1349.
- Marušić, M., Allegretti, Nikša, and Čulo, F.: The timing of cyclophosphamide therapy in tumor-bearing rats affects the resistance to tumor challenge in survivors, 1355.
- Mayer, H., Bollag, W., Hänni, R., and Rüegg, R.: Retinoids, a new class of compounds with prophylactic and therapeutic activities in oncology and dermatology, 1105.
- Miyoshi, I., Hiraki, S., Nakamura, K., Tanaka, T., and Kimura, I.: Ocular involvement in hamsters transplanted with a human leukemic T-cell line, 1089.
- Murray, A.W.: Acetic acid pretreatment of initiated epidermis inhibits tumour promotion by a phorbol ester, 1507.
- OKunewick, J.P., and Braunschweiger, P.G.: DNA-dependent-DNA-polymerase: Possible limiting influence on cell reproduction during viral leukemogenesis, 108.
- Pessina, A., Brambilla, P., and Balzarini, Daniela: Inhibition of Ehrlich ascites carcinoma (EAC) growth by carbonyl iron, 1518.
- Rabes, H.M., Carl, P., and Rattenhuber, U.: Determination of proliferative compartments in human tumors, 1510.
- Reigh, D.L., Stuart, Melissa, and Floyd, R.A.: Activation of the carcinogen N-hydroxy-2-acetylaminofluorene by rat mammary peroxidase, 107.
- Scharovsky, Graciela O., Dlugovitzky, Diana G., Morini, J.C., and Londner, M.V.: Evidence for in vivo protection against a rat sarcoma by allogeneic spleen lymphocytes, 1366.
- Schmidt, J.M., and Pettit, G.R.: Presence of oncornavirus-like particles in the P388 murine leukemic cell line, 659.
- Schwab, M., Haas, J., Abdo, S., Ahuja, M.R., Kollinger, G., Anders, A., and Anders, F.: Genetic basis of susceptibility for development of neoplasms following treatment with N-methyl-N-nitrosourea (MNU) or X-rays in the platyfish/swordtail system, 780.
- Stein-Werblowsky, Rachel: Vascular permeability in malignant disease, 404.
- Stein-Werblowsky, Rachel: On the lymphatic spread of cancer, 1340.
- Stenbäck, F., and Rowland, J.: Carcinogenic activation of benzo(a)pyrene by iodine and ferric chloride in the respiratory tract of Syrian golden hamster, 1065.
- Tew, K.D., and Taylor, D.M.: Tissue distribution and nucleic acid binding of chlorambucil-³H in tumor-bearing rats, 1215.
- Van Went, G.F.: Mutagenicity testing of 3 hallucinogens: LSD, psilocybin and Δ^9 -THC, using the micronucleus test, 324.
- Veljković, V., and Ajdačić, V.: Cytostatic activity of organic compounds and their average quasi-valence number, 639.
- Veljković, V., and Lalović, D.I.: Correlation between the carcinogenicity of organic substances and their spectral characteristics, 1342.
- Volpe, E.A.: Serum activity inhibiting specific simian virus 40-induced transplantation resistance and its correlation with primary SV40 tumors appearance in hamsters, 113.
- Wani, A.A., Hadi, S.M., and Ahmad, N.S.: Effect of dimethyl sulfate on the secondary structure of DNA, 392.
- Weber, J., and Hecker, E.: Cocarcinogens of the diterpene ester type from *Croton flavens* L. and esophageal cancer in Curaçao, 679.

Radiologica

- Callebaut, M.: ³H-Thymidine incorporation (DNA synthesis) and radiotoxicity in the ovary of the Japanese quail before and during follicle formation, 651.
- Chetty, K.G., Netrawali, M.S., and Pradhan, D.S.: Nucleotide metabolism in the rat liver following whole-body X-irradiation, 32.
- Durand, J.: Effet du fractionnement de dose sur la survie de bourgeons axillaires et de cellules isolées de liseron irradiés aux rayons gamma, 1073.
- Feuer, L., and Ormai, S.: Radioprotective effect of a protein free parathyroid extract, 1356.
- Gong, J.K., and DeLuca, C.: Infusion at constant rate in vivo (Pro experimentis), 672.
- Hamilton, R.G., and Walker, R.I.: Labeling of endotoxin lipopolysaccharide with technetium-99m pertechnetate, 582.
- Koval, T.M.: A simple method for obtaining high plating efficiencies with cultured insect cells (Pro experimentis), 674.
- Kumar, D.N.: A preliminary report on γ -irradiated protein-dye complexes, 397.
- Malick, M.A., Roy, R.M., and Sternberg, J.: Effect of vitamin E on post irradiation death in mice, 1216.
- Michel, C., and Fritz-Niggli, Hedi: Induction of developmental anomalies in mice by maternal stress, 105.
- Pistoia, V., Ciani, A., Villagio, B., and Murolo, C.: In vitro studies on lysosomes radiosensitivity in different gaseous atmospheres, 1453.
- Schwab, M., Haas, J., Abdo, S., Ahuja, M.R., Kollinger, G., Anders, A., and Anders, F.: Genetic basis of susceptibility for development of neoplasms following treatment with N-methyl-N-nitrosourea (MNU) or X-rays in the platyfish/swordtail system, 780.
- Stort, A.C., and Soares, A.E.: Occurrence of a new type of mosaicism in *Apis mellifera*, 31.
- Subbarao, M.N., Netrawali, M.S., and Pradhan, D.S.: RNA polymerisation capacity and permeability to ribonucleoside triphosphates of nuclei from livers of whole-body X-irradiated rats, 1279.

Actualitas

- Congressus, 142, 276, 418, 552, 678, 822, 1246, 1530.
- Corrigenda, 822, 893, 1656.
- Cursus, 1246.
- Praemia, 552, 1530.

TABLE ALPHABÉTIQUE DES MATIÈRES - SACHREGISTER
 INDICE ALFABETICO GENERALE - INDEX OF SUBJECTS
 INDICE DE MATERIAS - УКАЗАТЕЛЬ ПО ПРЕДМЕТАМ

A = Generalia · B = Specialia

- Acceptance response; the acceptance response of *Ephestia cautella* (Walker) (Lepidoptera: Phycitidae) females obtained in the absence of courting males, B 343.
- Acetaldehyde, v. Alcohol syndromes.
- Acetazolamide; action of acetazolamide on liver pyruvate carboxylase (PCX) and acetyl CoA carboxylase (ACX) activities in mice, B 907.
- Acetic acid, v. Tumour promotion.
- Acetyl CoA carboxylase, v. Fasting.
- Acetylcholine, v. Papaverine.
- , v. Vasomotor escape.
- Acetylcholine receptor; on the solvent-extraction of acetylcholine receptor, B 689.
- Acetylcholine synthesis and its dependence on nervous activity, A 1247.
- Acetylcholinesterase; investigation by cross linking of the state of aggregation of human erythrocyte membrane acetylcholinesterase observed in presence and absence of Triton X-100, B 916.
- , v. Pentobarbital.
- Acetylcholinesterase activity, v. Cerebral cortex.
- Acetylcholinesterase decrease, v. Eye deprivation.
- Acetylcholinesterase isozymes; time dependent formation of acetylcholinesterase isozymes, B 160.
- Acetylcholinesterases, v. Serotonin.
- Acetylsalicylate; effect of pretreatment with acetylsalicylate on surgical bleeding and peroperative mortality in rats undergoing kidney transplantation, B 664.
- N-Acetyltransferase, v. Heat.
- ACh, v. TRH.
- Achatina fulica*, v. Neuromembrane.
- Acid production, v. Amines.
- Acid release at meiotic maturation of oocytes in the polychaete annelid *Sabellaria alveolata*, B 789.
- Aconitase activities, v. Carcinoma.
- Acoustic stimuli, v. Cell proliferation.
- Acridids, v. Mutagenic substances.
- ACTH; effects of chronic treatment with ACTH on the intracellular levels of cyclic AMP and cyclic GMP in the rat adrenal cortex, B 815.
- , investigations into the effects of ACTH on the half-life of mitochondrial proteins in the rat adrenal cortex, B 133.
- , v. Antibodies.
- Actin; the interaction of actin and α -actinin with liposomes, B 914.
- , uneven distribution of actin in the pituitary gland, B 906.
- Actin solubilization and 'supercontraction' in crayfish muscle as shown by immunofluorescence and electron microscopy, B 906.
- Actinomycin, v. Ascorbic acid.
- Actinomycin D, v. Liver.
- Action potentials in non-tumor cells from the anterior pituitary gland, B 542.
- Activity; a triple test for screening biological activity of prostacyclin analogues, B 1336.
- , an improved method for estimating the activity of a mouse with the photoswitch, B 671.
- Activity rhythm, v. Phase response curve.
- Actyl muramyl dipeptide; immunoadjuvant activity of synthetic N-actyl muramyl dipeptide, B 1363.
- Acupuncture: Its neurophysiological basis, A 963.
- Adaptation level; effect of adaptation level on maintained firing and sensitivity in receptive field center of X and Y cells, B 80.
- Adenine, v. Brain.
- Adenine arabinoside; in vitro cytostatic effect of adenine arabinoside (Ara-A) and cytosine arabinoside (Ara-C), B 1219.
- Adenohypophysectomy, v. cAMP.
- Adenohypophysis; ultrastructural study of the cytological changes in the adenohypophysis of the male quail submitted to long daily photoperiods, B 1075.
- Adenosine deaminase; human adenosine deaminase and chromosome 20, B 531.
- Adenosine receptor, v. Cyclic AMP.
- Adenosine triphosphate, v. Down's syndrome.
- Adenosine triphosphatase, viral; viral adenosine triphosphatase, B 1430.
- Adenyl cyclase; beta-dependent-alpha-stimulated adenyl cyclase in rat cerebral cortex, B 924.
- Adenylate cyclase; specificity of histamine sensitive adenylate cyclase and its blockade by H₂ receptors antagonists, B 922.
- , v. Brain.
- , v. Lymphocytes.
- Adenylate cyclase activity, v. Theophylline.
- Adenylate cyclase protein kinase, v. Lipolysis.
- Adenylate kinase from *Rhodospirillum rubrum*, B 702.
- ADH effect; colchicine inhibition of ADH effect on frog skin permeability, B 360.
- Adhesive (glues); studies on the etiology of the experimental neuropathy from industrial adhesive (glues), B 250.
- Adipose tissues, v. Lysosomal acid hydrolases.
- Adjuvant arthritis, v. Oxonate.
- Adrenal, v. Stress.
- Adrenal cortex, v. ACTH.
- Adrenal gland, v. Proteins.
- Adrenal glands, v. Nervous system.
- Adrenal glomerular zone, v. Sodium diet.
- Adrenal medulla; high-voltage electron microscopy of adrenal medulla, direct connections between mitochondria and catecholamine storage vesicles, B 391.
- Adrenale concentrations, v. Neutrophilia.
- Adrenalectomy; sodium excretion after bilateral adrenalectomy in rats with experimental cirrhosis, B 1613.
- Adrenaline; effect of adrenaline and adrenergic active drugs on growth hormone secretion in immature cockerels, B 1096.
- , simultaneous radioenzymatic assay of adrenaline (A), noradrenaline (NA) and dopamine (DA) recent improvements, B 928.
- , the effect of adrenaline on the electrogenic Na⁺ pump in cardiac muscle cells, B 488.
- , v. Vasomotor escape.
- Adrenaline hyperreactive death, v. Endotoxemia.
- β -Adrenergic agents, v. Gastrin secretion.
- Adrenergic nerves, v. Proteins.
- Adrenocortical activity, v. Stress.
- Adriamycin analogues, v. Daunorubicin.
- AET, v. ATP.
- Affinity chromatography, v. Large-scale purification.
- Aflatoxin B; modification of hepatotoxic effects of aflatoxin B₁ in rabbits by immunization, B 85.
- , the metabolism of (¹⁴C)-aflatoxin B₁ in pigs, B 926.
- , v. Ethanol.
- Aflatoxin biosynthesis; the use of fungal protoplasts in the study of aflatoxin biosynthesis, B 22.
- Aflatoxin metabolism and absence of cytochrome P-450 in rat colon tissue during vitamin A malnutrition, B 230.
- Age; influence of age on the renal renin response to a high salt intake in the rat, B 622.
- , the effects of age and nutritional state on m.e.p.p. amplitude, B 200.
- Agglutination, v. Erythrocytes.
- Agglutination of erythrocytes using lectin labeled spacers, B 721.
- Aggregation pheromone; attraction of *Scolytus scolytus* (F) to the components of multilure, the aggregation pheromone of *S. multistriatus* (Marshall) (Coleoptera, Scolytidae), B 1119.
- Aging of taste cells, v. Taste preference.
- Agrobacterium tumefaciens* B₆, v. Cell walls.
- ALA dehydratase activity, v. Spleen weight.

- β -Alanine; high-affinity binding of β -alanine to cerebral synaptosomes might involve glycine receptors, *B* 1169.
- , v. GABA.
- Albendazole; effect of albendazole on the metacystodes of *Taenia saginata* in calves, *B* 723.
- Albino mutants; induction of albino mutants in *Streptomyces glaucescens*, *B* 1669.
- Alcohol in mice; myelination in chronically alcoholic mice, *B* 1059.
- Alcohol syndromes; the alcohol syndromes: The intrarecombinogenic effect of acetaldehyde, *B* 195.
- Alcohol vapors, v. Feeding.
- Alcoholism, v. Serotonin metabolism.
- Aldehyde reductase; kinetic studies on NADPH-dependent aldehyde reductase from human liver, *B* 919.
- Aldosterone antagonists, comparison of biological activity as potassium-sparing diuretics with affinity to receptors in the kidney of adrenalectomized male rats, *B* 925.
- Alkaline phosphatase; activation and specificity of alkaline phosphatase of a mineralizing collagen-rich system, *B* 692.
- , v. Brain.
- , v. Isatin.
- , v. Liver.
- Alkaline phosphatase activity, v. Muscle.
- Alkaloids; directed biosynthesis of analogues of ergot peptide alkaloids with *Claviceps purpurea*, *B* 1291.
- Allantoin; uptake of allantoin by rabbit renal cortical slices, *B* 929.
- Allergic reactions, v. Endotoxin toxicity.
- Alloxan; effects of alloxan on orotic acid and glycogen content in various vertebrate species, *B* 827.
- Alloxan diabetes; effect of chronic alloxan diabetes and insulin administration on intestinal brush border enzymes, *B* 741.
- Alloxan diabetic rats, v. Lipase.
- Allozyme polymorphisms, v. Pollution selection.
- Aloe* extract; specific reaction of *Aloe* extract with serum proteins of various animals, *B* 523.
- Alpha-adrenergic activity, v. Isoproterenol.
- Alpha benzene hexachloride inhibition, v. Carcinoma.
- Alpha-globulin follicular fluid proteins, v. Proteins.
- Alrestatin, v. AMP accumulation.
- Alternaria solani*, v. Embryos.
- Alicola lemmings*; chromosomal and morphological diversity in 2 populations of Asian mountain vole *Alicola lemmings* Miller (Rodentia, Cricetidae), *B* 1146.
- Altitudes, effect on physiological dates; respiratory, circulatory and ECG changes at 6000m and 7000m, *B* 900.
- Alveolitis, fibrosing; fibrosing alveolitis (pulmonary interstitial fibrosis) evoked by experimental inhalation of gasoline vapours, *B* 498.
- Amblyomma americanum*, v. Salivary glands.
- Amblyomma hebraeum*, v. Ecdysone.
- Amikacin; renal accumulation of amikacin, tobramycin and gentamycin in the rat, *B* 1335.
- Amines; inhibition of rat hepatic dimethylnitrosamine demethylase by cyclic and acyclic nitrosamines and secondary amines, *B* 1505.
- , the influence of aromatic amines and folate on acid production by *Escherichia coli*, *B* 497.
- Amino acid; isolation characterization and N terminal amino acid sequence of a *Bacillus cereus* neutral proteinase, *B* 917.
- Amino acid biosynthesis; the general control of amino acid biosynthesis in *Saccharomyces cerevisiae* acts also on the carbon metabolism, *B* 1670.
- Amino acid sequence of tyrosinase from *Neurospora crassa*, *B* 914.
- Amino acids; changes in free amino acids and peptides in the haemolymph of *Glossina austeni* during the reproductive cycle, *B* 1462.
- , syntheses of amino acids from unsaturated aliphatic carboxylic acid by contact glow discharge electrolysis, *B* 17.
- , v. Catechol structure.
- , v. Desipramine.
- , v. Proteins.
- Amino ergoline, v. Prolactin secretion.
- Amino uptake; transient ischemic alternation of synaptosomal neutral amino acid uptake, *B* 1461.
- Aminohippurate accumulation; enhancement of p-aminohippurate accumulation in renal cortical slices after repeated administrations of various organic anionic drugs to rats of different ages, *B* 1493.
- Aminopeptidases; the hydrolysis of some L-amino acid-p-nitranilides with the normal and pregnant's serum aminopeptidases, *B* 28.
- Aminopyridine; modulation of transmission in different electronic junctions by aminopyridine, *B* 67.
- Aminopyrine demethylation, v. Gum arabic.
- Aminotransferase; possible significance of aminotransferase in tissues of the aestivating fresh water mussel, *Lamellidens marginalis* (Lamarck), *B* 746.
- , rhythmicity of aminotransferase in the cockroach, *Periplaneta americana*, *B* 192.
- Amnesic effects of intravenous diazepam and lorazepam, *B* 501.
- Amniocentesis; combination of two techniques: Amniocentesis and nervous tissue explants. A pilot investigation, *B* 1143.
- Amoeba discoides*, v. DNA polymerase.
- cAMP; effects of adenohipophysectomy on cAMP levels in chick embryo thyroid, adrenal and spleen, *B* 263.
- cAMP; gonadotropin receptors, cAMP and testosterone in estrogenized male rats, *B* 266.
- cAMP; preincubation with papaverine (PA) can lower the PGE-1-induced rise of cAMP in human platelets (platelet-rich plasma), *B* 906.
- AMP accumulation; inhibition of prostaglandin induced cyclic AMP accumulation in the rat anterior pituitary by alrestatin, *B* 441.
- cAMP in spermatozoa taken from different segments of the rat epididymis, *B* 670.
- cAMP levels; correlation between 3', 5' cAMP levels and thyrotropin in separated rat pituitary thyrotropic cells, *B* 1286.
- AMP phosphodiesterase; flavonoid compounds are potent inhibitors of cyclic AMP phosphodiesterase, *B* 1054.
- cAMP-S; effects of adenosine-3'5'-phosphorothioate (cAMP-S) on the development of *Dictyostelium discoideum*, *B* 954.
- Amphetamine, v. Behaviour.
- , v. Body temperatures.
- , v. Nicotine.
- Amputation; effect of amputation and limb regeneration on the pars distalis of the newt *Notophthalmus viridescens*, *B* 1209.
- AMS; clinical laboratory evaluation of an automated microbial detection and identification system (AMS), *B* 1661.
- Amyclina*, v. Nucleolus.
- Amygdala, v. Carbachol.
- Amylase activity, v. Salivary glands.
- α -Amylase activity in lysosomes of *Aspergillus oryzae*, *B* 572.
- Amyloidosis, v. Papain.
- Anacystis nidulans*, v. Chlorophyll.
- Anaerobiosis, v. Growth.
- Anaesthesia, v. Prostaglandin.
- Analgesia; potentiation of analgesia in the mouse by baclofen, *B* 931.
- Ancylostomiasis; rejection of worm load through singly and repeatedly sensitized peritoneal exudate cells during experimental ancylostomiasis, *B* 122.
- Androgenesis; inhibition of testicular androgenesis by urinary gonadotropin inhibiting substances in rats, *B* 540.
- Androstan-17-one, v. Obesity.
- Anemia, v. Turner's syndrome.
- Anesthetics; effect of general anesthetics on plasma catecholamine concentrations, *B* 923.
- , the pH-dependence of glucose transport inhibition by local anesthetics in human erythrocytes, *B* 26.
- Aneuploidy as a consequence of senescence and ovariectomy in the golden hamster (*Mesocricetus auratus*), *B* 334.
- Angiotensin-converting enzyme; potentiative effect of sulfhydryl compounds on carrageenin-induced oedema in rats and relationship to their potencies as inhibitors of angiotensin-converting enzyme in vivo, *B* 1202.
- Angiotensin II, v. Cardiac muscle.
- Anion transport; labeling of human erythrocyte membranes with the triplet-probes eosin isothiocyanate and iodacetamido-eosin inhibition of anion transport, *B* 915.
- Anomalies, developmental, v. Stress.
- Anserine, v. Homocarnosine.
- Antennal discs; fusion in the eye-antennal discs of *Drosophila melanogaster* during differentiation in vitro, *B* 948.
- Anterior pituitary, v. Enzymes.
- Anterior pituitary gland, v. Action potentials.
- Anthelmintic activity, v. Tioxidazole.
- Anthelmintics, v. Benzimidazole.
- Antheridiogen; gas chromatographic evidence of the antheridiogen of *Lygodium japonicum*, *B* 718.
- Anti-inflammatory drugs, v. Moloney sarcoma virus.
- Anti myosin, v. Myosin.
- Anti phalloidine, v. Silybin.
- Anti-tumour alga, v. Antibody synthesis.
- Antibiotic activity of organic compounds and their average quasi-valence number, *B* 633.
- Antibiotics, v. Trichopolyns A.

- Antibodies; specific antibodies against ACTH and MSH for radioimmunoassay and for studies of hormone protein interactions, *B* 935.
- Antibody; an antibody to low density lipoprotein in diabetics, *B* 886.
- Antibody forming cell production, v. Friend leukemia.
- Antibody specificity; gelelectrophoresis derived enzyme-linked immunosorbent assay (GEDELISA), a new technique for the characterization of antibody specificity and the detection of antigens in complex mixtures, *B* 906.
- Antibody synthesis; modulation of antibody synthesis by an antitumour alga, *B* 1644.
- Anticholinergic effects, v. Heart.
- Antifertility effect, v. Aristolic acid.
- Antifungal properties of leaf extract of *Ranunculus sceleratus* L., *B* 1442.
- Antigen secretion, v. Glomerular basement membrane.
- Antileukoprotease; immunofluorescent localization of the acid-stable proteinase inhibitor (antileukoprotease) of human cervical mucus, *B* 509.
- Antimicrobial activity, v. Sulfonamides.
- Antimuscarinic activity, v. Atria.
- Antioxidants, v. Carcinogenesis.
- Antiparkinsonian drug doses and neuroleptic receptors, *B* 1490.
- Antiseptics; method for the study of irritation and superficial aggressivity of antiseptics applied topically to the skin, *B* 1665.
- Antisickling agent, v. Erythrocytes.
- Antiviral immunity; neutrophils are mediators of antiviral immunity, *B* 346.
- Aorta; the inner surface of denuded rabbit aorta exposed to flowing blood, a comparative transmission and scanning electron microscopical study, *B* 945.
- Aorta cells, v. Lipoprotein.
- Aortic endothelium, v. Ferritin transport.
- Aortic valve; smooth muscle cells in the cusps of the aortic valve of pigs, *B* 1636.
- Apis dorsata*, v. Pheromone.
- Apis florea*, v. Pheromone.
- Apis mellifera*, v. Mosaicism.
- Aplysia*; dopamine currents in cell R 15 of *Aplysia*, *B* 921.
- Aplysia*, v. Neurones.
- Apomorphine, v. Behaviour.
- , v. Dopaminergic stimulation.
- , v. Filter characteristics.
- Arabinogalactan; cross-linked arabinogalactan, a new affinity matrix for the purification of *Ricinus communis* lectins, *B* 979.
- Archangelin, v. Iselin.
- Aristolic acid; antifertility effect of aristolic acid from *Aristolochia indica* (Linn) in female albino rabbits, *B* 1377.
- , v. Fertility.
- Aromatic esters; new aromatic esters of the liverwort, *Trichoclea tomentella*, *B* 155.
- Artemisia* ketone, v. Bakuchiol.
- Arteriolar pressure; intravital measurement of arteriolar pressure and tangential wall stress in normotensive and spontaneously hypertensive rats (established hypertension), *B* 865.
- Arthropods, terrestrial, v. Cold tolerance.
- Arvicola sapidus*, v. Karyotype.
- Arylsulfatase, v. Hydrocortisone.
- Ascaris lumbricoides*, v. Phospholipids.
- Ascites cells, v. Sarcoma 180.
- Ascites hepatoma cells, v. Liver slices.
- Ascomycete; X-ray microanalysis of the wall of a phytopathogenic ascomycete, *B* 950.
- Ascorbate oxidase; kinetic studies of the aerobic reduction of ascorbate oxidase, *B* 905.
- Ascorbic acid; testicular Δ^5 - 3β -hydroxysteroid dehydrogenase ascorbic acid and dehydroascorbic acid in actinomycin D-treated toads, *B* 1652.
- , v. Brain.
- , v. Fluoride.
- Aspartate aminotransferase; towards the spatial structure of mitochondrial aspartate aminotransferase, *B* 908.
- L-Aspartic acid; the effects on thermoregulation of intracerebroventricular injections of L-aspartic acid in the sheep, *B* 1043.
- Aspergillus nidulans*, v. Conidia.
- Aspergillus oryzae*, v. Amylase activity.
- Atherosclerosis; prostacyclin-like activity of endothelium and sub-endothelium - important for atherosclerosis, *B* 1471.
- ATP; external ATP calcium and chemotaxis in the cellular slime mold *Dictyostelium discoideum*, *B* 951.
- , protection of the mouse from genetic radiation damage by an optimal-dose-ratio combination of ATP, AET and serotonin, *B* 876.
- , the relationship between membrane potential and ATP content in rat liver during ischemia, *B* 57.
- , v. Neuroblastoma.
- ATPase; intrinsic fluorescence of mitochondrial F ATPase, *B* 1548.
- , presence of ATPase on the vesicular membrane of *Cysticercus cellulosae*, a high resolution cytochemical study, *B* 175.
- , rotational mobility of Ca^{2+} - Mg^{2+} dependent ATPase of sarcoplasmic reticulum, *B* 907.
- ATPase activity, v. Rectum.
- Atresia; lamprey biliary atresia, first model system for the human condition, *B* 1084.
- Atria; effect of exercise training on the chronotropic response of isolated rat atria to atropine, *B* 1027.
- , effect of variations in temperature on antimuscarinic activity in guinea-pig atria, *B* 641.
- Atropine, v. Atria.
- Attenuol; structure and stereochemistry of attenuol, a new lignan from *Knema attenuata*, *B* 422.
- Audiogenic seizure susceptibility, v. Treatment duration.
- Auditory evoked potentials, v. Serotonin.
- Aulacophora foveicollis*, v. Olfactory sensitivity.
- Autoantibodies, v. Infertile women.
- Autoimmune induction, v. Lacrimal gland.
- Autophagy in mouse hepatocytes induced by lysine acetylsalicylate, *B* 1618.
- Autorhythmic contractions of bat wing veins: Functional correlates between central and peripheral vascular pacemaker activity, *B* 1422.
- Autoxidation; free radical intermediates produced by autoxidation of 1,8-dihydroxy-9-anthrone (dithranol) in pyridine, *B* 872.
- Auxindestroying enzymes, v. Kinetin.
- Aversion; learned aversion and rearing movement in rats given LiCl , PbCl_2 or NaCl , *B* 1200.
- Avian embryos, v. Mesoderm.
- , v. Myotomes.
- Axonal transport; retrograde axonal transport of macromolecules as a tool to obtain information on membrane properties of nerve terminals, *B* 938.
- Axons, v. Dopamine.
- Azapropazone, v. Warfarin.
- L-Azetidine-2-carboxylic acid, the antidermatophyte constituent of two marine sponges, *B* 688.
- B-cells; erythrocytes within pancreatic B cells of corticosteroid treated mice, *B* 1049.
- B5, v. HLA BW54.
- Bacillus subtilis*; porphobilinogen accumulation by a porphyrin auxotrophic strain of *Bacillus subtilis*, *B* 1158.
- Bacillus thuringiensis*; the action of the endotoxin of *Bacillus thuringiensis*, an electron microscope study, *B* 1672.
- , v. Endotoxin.
- Bacterial strains; identification of bacterial strains by restriction endonuclease digestion of their DNA, *B* 952.
- Bacteriophage Mu DNA; structure at the bacteriophage Mu DNA, *B* 1658.
- Bacteriophage Q β ; characterization of plasmids containing sequences of bacteriophage Q β , *B* 947.
- Badis badis*, v. Erythrophores.
- Bakuchiol; on the biosyntheses of *artemisia* ketone and bakuchiol, *B* 1121.
- Bamboo, v. Plastids.
- Barbiturate withdrawal, v. Treatment duration.
- Bayliss myogenic response, v. Ductus arteriosus.
- Behaviour; asymmetry of turning behaviour of rats induced by amphetamine and apomorphine, *B* 616.
- Behaviour of *Drosophila melanogaster* is affected by drugs, *B* 604.
- Behavioural effects, v. Naloxone.
- Benzimidazole; injectable benzimidazole anthelmintics effective against liver flukes tapeworms, lungworms and gastrointestinal roundworms, *B* 1574.
- , the mutagenic mode of action of benzimidazole, *B* 851.
- Benzo(a)pyrene; carcinogenic activation of benzo(a)pyrene by iodine and ferric chloride in the respiratory tract of syrian golden hamsters, *B* 1065.
- , comparative studies on the covalent binding of the carcinogen benzo(a)pyrene (BP) to DNA in various model system, *B* 925.
- , modulation of the in vivo binding of the carcinogen benzo(a)pyrene (BP) to rat liver DNA by selective induction of microsomal or nuclear aryl hydrocarbon hydroxylase activity (AHH), *B* 931.
- Beta-adrenergic; permissive role of the beta adrenergic system in drinking induced by circulating renin, *B* 921.
- Beta-adrenergic blockade, v. Triglyceride mobilization.

- Beta adrenergic drinking, v. Renin.
- Beta histine; GLC determination of beta histine in serum, *B* 499.
- Bibenzyls; new bibenzyls of the liverwort *Radula variabilis*, *B* 971.
- Biflavone; microbiological transformation of biflavone, *B* 15.
- Bile acids; analysis of bile acids in serum by capillary gas liquid chromatography, *B* 913.
- Bile flow; effect of food and light schedule on bile flow in the rat, *B* 764.
- ; influence of phenylbutazone on bile flow in the rat, *B* 628.
- Bile salt oxidoreductases, v. Tritium.
- Biliary atresia, v. Atresia.
- Biliary excretion; influence of dithiocarb on the biliary excretion of paracetamol and bilirubin in rats, *B* 1318.
- Bilirubin; singlet oxygen reactivity of bilirubin and related tetrapyrroles, *B* 555.
- ; v. Biliary excretion.
- Bilirubin concentration; relationship between plasma unbound bilirubin concentration and cerebellar bilirubin content in homozygous Gunn rat sucklings, *B* 221.
- Binding studies; on the determination of optimal conditions for binding studies, *B* 935.
- Biogenic amines, v. Transport.
- Biosynthetic pathways; the discovery of nature's biosynthetic pathways, *A* 1.
- Biotin; action of a deficiency biotin on the activities of liver and adipose tissue pyruvate and acetyl CoA carboxylases, *B* 915.
- Biotin as a regulator of some haematic parameters and of DNA-content of the liver of old rats, *B* 193.
- Biotin deficiency, v. Proteins.
- Bladder mucosa, v. Intestine.
- Blastocyst; elevated glucose level influence in vitro hatching, attachment, trophoblast outgrowth and differentiation of the mouse blastocyst, *B* 881.
- Blastocysts, v. Erythrocytes.
- Blood; a dialysis rate method for the measurement of free iodothyronine and steroid hormones in blood, *B* 538.
- ; quantitation of nitroglycerin in human blood after administration by sustained release, *B* 643.
- ; v. D-glucose.
- ; v. Dopamine- β -hydroxylase.
- ; v. Eosinophilic leukocytes.
- Blood brain barrier, v. Lithium.
- Blood cell nuclei; a rapid method for the fractionation of avian blood cell nuclei, *B* 475.
- Blood flow, v. Liver.
- Blood pH, v. Ferritin transport.
- Blood plasma, v. Histone proteins.
- ; v. Stress.
- Blood platelets, v. Sex.
- Blood pressure; increased blood pressure in the SHR is not related to a deficit in renomedullary PGE₂, *B* 1025.
- Blood spots; glutathione peroxidase in dried blood spots, *B* 1560.
- Blood vessel, v. Eddy flow.
- Blood vessel formation; inhibition of new blood vessel formation in mice by systemic administration of human rib cartilage extract, *B* 490.
- Blood volume and extracellular space (ECS) of the whole body and some organs of the rat, *B* 412.
- Body temperatures after (+)-amphetamine in heat and cold exposed rats, *B* 904.
- Bohadschia vitiensis*, v. Sapogenin.
- Bone cultures, v. Vitamin A action.
- Bone marrow; small lymphocyte production and lymphoid cell proliferation in mouse bone marrow, *B* 129.
- ; v. Thymus.
- Bone marrow in male and female rats, *B* 1313.
- Bonellia viridis*, v. Neobonellin.
- Boophilus microplus*, v. Norepinephrine.
- Borax; effect of borax on testis of Indian desert gerbil *Meriones hurriane* Jerdon, *B* 1374.
- Bradykinin; studies on the hydrolysis of bradykinin by angiotensin-converting enzyme (kininase II), *B* 1436.
- ; the effect of bradykinin on the electrical activity of rat jejunum, *B* 617.
- Bradykinin-induced stimulation of cardiac parasympathetic ganglia, *B* 223.
- Bradynopyga geminata*, v. Digestive physiology.
- Brain; adenylate cyclase and phosphodiesterase from brain tissue, different stabilities during incubation of cerebral cortical slices, *B* 1432.
- ; an assessment of the effect of hormone and neurotransmitters on adenine and guanine derivatives simultaneously in rat brain cortical slices, *B* 312.
- ; cerebellar decussation of fibres from the nucleus reticularis tegmenti pontis in the brain of the albino rat, *B* 1039.
- ; effects of brain monoamine depletion on thermoregulation, active avoidance, and food and water intake in rats, *B* 756.
- ; effects of brain monoamine depletion on p-chlorophenyl-alanine-induced hypothermia, *B* 1595.
- ; effect of the administration of (d-Ala)²methionine-enkephalin on the serotonin metabolism in rat brain, *B* 1488.
- ; evidence for the presence of viable endothelial cells in cultures derived from dissociated rat brain, *B* 95.
- ; focal brain hyperthermia. I. The cerebellar cortex, *B* 479.
- ; functional role of arginine residues in glutamic acid decarboxylase from brain and bacteria, *B* 989.
- ; imbalance in the activities of alkaline phosphatase and Na⁺-K⁺ ATPase in the brain of experimentally induced phenylketonuric squirrels, *B* 1549.
- ; interomental cerebral vascularization induced by omental graft to the rat brain, *B* 855.
- ; large regional and strain differences in rat brain sialic acid and 2-deoxyribose, *B* 368.
- ; protective role of brain ascorbic acid content against lipid peroxidation, *B* 1056.
- ; proteoglycans in ovine brain, *B* 1036.
- ; specific in vivo binding of LSD in rat brain, *B* 761.
- ; the sequential uptake of (¹⁴C) deoxyglucose in brain after embolic stroke, *B* 1175.
- ; transplantation of brain tissue in the brain of adult rats, *B* 1304.
- ; v. Desipramine.
- ; v. GABA.
- ; v. Homocarnosine.
- ; v. Serotonin.
- Brain development; ³⁵S-sulphate incorporation into myelin sulphated mucopolysaccharides during rat brain development, *B* 696.
- ; the effect of phenylthiocarbamide (PTC) on mouse brain development, *B* 1319.
- Brain responses, v. Noradrenaline.
- Brain tissue, v. Dopamine.
- Brainstem, v. Noradrenergic neurons.
- Breathing; continuous and discontinuous acceleration of breathing in rabbits, *B* 897.
- 5-Bromo-2-deoxyuridine, v. DNA.
- Bromobenzene; chronic hepatotoxicity of bromobenzene (Bb) in starved and ad libitum fed rats, *B* 931.
- Bromocriptine; effects of bromocriptine (I), α -ergocriptine (II) and DH- α -ergocriptine (III) on cAMP and cGMP phosphodiesterases (PDE) from rat brain striatum, *B* 929.
- 5-Bromodeoxyuridine; the differential susceptibility of early chick embryos to 5-bromodeoxyuridine, *A* 278.
- Bromus mollis*, v. Phenotypic plasticity.
- Brown adipose tissue; insulin-like effect of cold adaptation in brown adipose tissue (BAT), *B* 898.
- Brush border enzymes, v. Alloxan diabetes.
- Bryocladia cuspidata*, v. Squalene.
- Bufo chilensis*, v. Chromosomes.
- Bufo rubropunctatus*, v. Chromosomes.
- Bufo viridis*, v. Genome.
- Bunaphtide, v. Cocaine.
- Bungarotoxin; characterization of ¹²⁵I-labeled bungarotoxin (Bgt), *B* 912.
- Bursa fabricii, v. Lymphocytes.
- Bursa of fabricius; secretory cell in the medulla of the bursa of fabricius, *B* 1642.
- 1,3-Butanediol; pharmacokinetic basis of 1,3-butanediol (BD) administration to man, *B* 927.
- Butanol extracts, v. Myelin fragments.
- Butanol extracts from myelin fragments III. SDS-urea gel electrophoretic studies, *B* 1605.
- C-particles, v. Neuroblastoma.
- ¹⁴C-radioactivity; a simple technique for the measurement of ³H and ¹⁴C radioactivity per μ g DNA in fixed tissue, *B* 673.
- Ca-binding proteins; polymorphism in sarcoplasmic Ca-binding proteins from crustaceans, *B* 919.
- Ca concentration; early ultrastructural and secretory responses of canine parathyroid glands to changes in serum Ca-concentration, *B* 904.
- Ca-electrogenesis, v. Muscle.
- Ca ion, v. Muscles.

- Ca²⁺ redistribution and phenylephrine effect in perfused rat livers, B 917.
- Ca²⁺ transport; experiments on the mechanism of the inhibition of mitochondrial Ca²⁺ transport by La³⁺ and ruthenium red, B 1136.
- Ca, v. Wing veins.
- Cacospongia mollior*, v. *Molliorin-c*.
- Cadmium 113 FT, v. Metallothioneins.
- Cadmium effects on bone and dental tissues of rats in acute and subacute poisoning, B 1317.
- Caenorhabditis elegans*; a morphological temperature-sensitive mutant of the nematode *Caenorhabditis elegans* Var., B 170.
- Calcitonin; distribution of calcitonin cells in the thyroid glands of normal adult rhesus monkey *Macaca mulatta*, B 541.
- Calcium antagonists; cardiovascular effects of calcium antagonists in chronically instrumented, conscious dogs, B 923.
- Calcium binding proteins; low molecular weight calcium binding proteins from chicken muscle, B 919.
- Calcium ionophores, v. Hyperpolarization.
- Calcium ions; the association between N acetyl-neuraminic acid and calcium ions in aqueous solution, B 685.
- Calcium; role of intracellular calcium in promoting muscle damage, a strategy for controlling the dystrophic condition, B 1531.
- Calcium; the effects of calcium on the depolarized rat uterus, B 933.
- Calcium transients, v. Muscle.
- Calcium, v. Neuron.
- Calliphora erythrocephala*, v. β -Ecdysone.
- Callus protoplasts; attempts to induce embryogenesis from single isolated callus protoplasts of *Citrus*, B 944.
- Calorimetry, v. Liver.
- Canaliculi, intracellular; formation of intracellular canaliculi in reaggregated striated duct cells of rat submandibular gland during short-term stationary culture, B 517.
- L-Canavanine; the reported occurrence of L-canavanine in soya bean, *Glycine max*, B 1539.
- Cancer; gastric cancer in rats after chronic intraperitoneal application of sap of green parts of potatoes (*Solanum tuberosum*), B 645.
- Cancer irroratus*, v. Lactate dehydrogenase.
- Cancer; on the lymphatic spread of cancer, B 1340.
- Cancer, prostatic; effect of diethylstilboesterol diphosphate on tumour-associated immunity in prostatic cancer. A preliminary report, B 1364.
- Cannabinoids; (\pm) 9,10-dihydroxy- Δ^6 (10a)-tetrahydrocannabinol and (\pm) 8,9-dihydroxy- Δ^6 (10a)-tetrahydrocannabinol, 2 new cannabinoids from *Cannabis sativa* L., B 1127.
- ; microbiological oxidation of the pentyl side chain of cannabinoids, B 1020.
- Cannabis sativa* L., v. Cannabinoids.
- Capacitance vessels; a correlation of responses of the resistance and capacitance vessels of the intestine and kidney to changes of impulse in postganglionic nerves under pressor reflexes, B 1298.
- Carbachol; the effects of microinjection of carbachol or hemicholinium into amygdala on the levels of plasma and adrenal corticosterone in rats, B 814.
- Carbaryl, v. Phagocytic activity.
- Carbenoxolone; effect of carbenoxolone on phosphodiesterase and prostaglandin synthetase activities, B 384.
- Carbonyl iron, v. Ehrlich ascites carcinoma.
- Carboxypeptidase Y from *Saccharomyces cerevisiae*, circular dichroism and fluorescence studies, B 569.
- Carcinoembryonic antigen; identification of the normal glycoprotein crossreacting with carcinoembryonic antigen in granulocytes and macrophages, B 911.
- ; v. Lectin receptors.
- Carcinogenesis; comments of the significance of the quasi-valence number for chemical carcinogenesis, B 1653.
- ; the mitigating effect of dietary antioxidants on chemically induced carcinogenesis, B 110.
- Carcinogenicity and bacterial mutagenicity of 47 structurally related heterocyclic compounds, B 918.
- ; correlation between the carcinogenicity of organic substances and their spectral characteristics, B 1342.
- ; in vivo covalent binding of chemicals to DNA as a short-term test for carcinogenicity, B 927.
- Carcinogenic activation, v. Benzo(a)pyrene.
- Carcinogens; binding of the carcinogens benzo(a)pyrene (BP) and 7,12-dimethylbenz(a)anthracene (DMBA) to *Salmonella* DNA as compared to the corresponding mutagenicity, B 927.
- Carcinoma; alpha benzene hexachloride inhibition of aflatoxin B₁ induced hepatocellular carcinoma, a preliminary report, B 1069.
- ; changes induced by Ehrlich ascites carcinoma in hepatic fumarase and aconitase activities, B 1536.
- ; v. Liver.
- Cardiac cells; chemically mediated cell-to-cell contractile activation in isolated frog atrial cardiac cells, B 1472.
- Cardiac muscle; angiotensin II increases electrical communication in cardiac muscle, B 899.
- Cardiac muscle cells, v. Adrenaline.
- Cardiovascular parameters; the measurement of some cardiovascular parameters in chronically instrumented dogs, B 924.
- Carnosine, v. Homocarnosine.
- Carotid body; effects of 6-hydroxydopamine on rat carotid body chief cells, B 1357.
- Carrot embryoids, v. Embryoids.
- Cartilage extract, v. Blood vessel formation.
- Catalase; selective inactivation of catalase during protoporphyrin induced photohemolysis of human red blood cells, B 181.
- Catalase synthesis, v. Liver.
- Cataract induced by administration of a single dose of sodium selenite to suckling rats, B 222.
- Cataractogenesis; potential role of the glycosylation of lens crystallins in diabetic cataractogenesis, B 918.
- Catechol-O-methyltransferase, v. Dopamine- β -hydroxylase.
- Catechol structure; role of catechol structure in the inhibitory effects of D-isomers of amino acids on the decarboxylation of L-5-hydroxytryptophan, B 1188.
- Catecholamine; relationships between neural crest cells and catecholamine in suckling mice, B 1347.
- Catecholamine storage vesicles, v. Adrenal medulla.
- Catecholamines; histochemical studies on two types of cells containing catecholamines in sympathetic ganglia of the bullfrog, B 92.
- ; storage site and concentration of catecholamines in blood platelets, B 928.
- Catheterization, v. Prostaglandin.
- Cauda epididymidis, v. Water reabsorption.
- Caudate nucleus, v. Chlorpromazine.
- CDP-choline, v. Transport.
- Cell degeneration, v. Retina.
- Cell number, v. Embryoids.
- Cell proliferation by a tumour promoter in vitamin B₆-deficient mice, B 691.
- Cell proliferation; acceleration of crypt cell proliferation by acoustic stimuli, B 249.
- ; v. Langerhans cells.
- Cell shape, v. Neuraminidase.
- Cell sizes; genome and cell sizes in frogs, a comparison with salamanders, B 44.
- Cell wall of *Actinomyces viscosus* Ny 1, composition and pathogenic role in periodontal disease, B 935.
- Cell wall ultrastructure; modifications induced in plant cell wall ultrastructure by hormonal treatment, B 942.
- Cell walls; isolation and properties of cell walls from *Agrobacterium tumefaciens*, B 354.
- Cellular osmolarity, v. Protein water binding.
- Cellulase of fungus-growing termites, a new hypothesis on its origin, B 559.
- Cenchrus ciliaris*, v. Seed size.
- Central nervous system, v. Facial nerve.
- Ceralbol, a new sesiterpene alcohol isolated from insect wax, B 421.
- Cereal protoplasts; culture of cereal protoplasts, B 952.
- Cerebellar cortex, v. Brain.
- Cerebellum, v. Cortisone.
- ; v. Red nucleus.
- Cerebral cortex; pentagastrin induction of acetylcholinesterase activity in cerebral cortex of rats, B 974.
- Cerebral cortical cells; is attenuation of tRNA charging responsible for the inhibition of protein labelling accompanying depolarisation of the cerebral cortical cells?, B 574.
- Cervical ganglion, v. Noradrenaline.
- Cervical mucus, v. Antileukoprotease.
- Cervical smears; a method to collect cervical smears from small breeds of monkeys, B 1245.
- Chaetogaster limnaii* K von Baer 1872 on *Lymnaea tomentosa*, ingestion of *Fasciola hepatica* cercariae, B 1458.
- Chain-proteins of the vertebrate lens, B 470.
- Chemical composition, v. Gymnosperms.
- Chick embryo, v. Morphine.
- ; v. Neuraminidase.
- Chick embryo genesis, v. Embryo genesis.
- Chick embryos, v. Nucleoside phosphotransferase.
- Chimaera; a spontaneous chicken chimaera, B 1556.

- Chironomus thummi*, v. DNA.
- Chitin synthesis, v. Fungicides.
- Chlamydiales; two chlamydiales (Rickettsias) in an arachnida, the spider *Pisaura mirabilis*, Cl., B 344.
- Chlamydomonas reinhardtii*, v. Hg-203.
- Chloride depletion, v. Epileptiform activity.
- Chloro-benzylidene malononitrile, v. Thyroid.
- α -Chlorohydrin; the antifertility action of α -chlorohydrin, enzyme inhibition by α -chlorohydrin phosphate, B 1267.
- p-Chlorophenylalanine; effect of p-chlorophenylalanine on specific serotonin binding and serotonin level in rat brain, B 930.
- Chlorophyll; improved method for preparation of microcrystalline chlorophyll a with *Anacystis nidulans* as a source, B 1289.
- , v. Biosynthetic pathways.
- Chlorophyll mutations, v. LSD.
- Chloroplast; in vitro synthesis of chloroplast and cytoplasm polypeptides of *Chlamydomonas reinhardtii*, B 946.
- Chloroplast DNA; gene localization on the chloroplast DNA of *Chlamydomonas*, B 953.
- Chloroplast genes; molecular cloning of the *E. gracilis* chloroplast genes coding for ribosomal RNA, B 944.
- Chlorpromazine causes vesicle population changes in the monoaminergic synapse of the rat caudate nucleus, B 645.
- Chlorpromazine; interaction of chlorpromazine with organic solvents and fatty acids as studied by UV spectrophotometry, B 1047.
- Chlorpyrifos (Dursban) resistance in *Culex pipiens pipiens* L. from southern France inheritance and linkage, B 709.
- Cholecalciferol, v. Serum.
- Cholera; difference in resistance of subunits A and B of *Vibrio cholerae* toxin (cholera toxin) to treatment with pronase, B 1293.
- Cholesterol; effect of removal of cholesterol on microsomal enzyme activity, B 912.
- , relationship between lymphoid cell population and levels of cholesterol or phospholipids, B 1222.
- , v. Sex hormones.
- Cholesterol level, v. Stress, preoperative.
- Cholesterol synthesis; effect of inhibited cholesterol synthesis on the activity of a microsomal enzyme, B 917.
- Choline; search for sex-dependent and gestation-induced changes in choline and ethanolamine phosphorylating activities, B 166.
- Cholinergic agonists, v. Prolactin production.
- Cholinergic synapses, v. Piperazine.
- Cholinergic transmission; possible modulation of cholinergic transmission by brain extract, B 901.
- Cholinesterase; histochemical localization of cholinesterase in the neural tissue of the pineal in the rhesus monkey, B 1067.
- Cholinesterase activity, v. Diurnal variations.
- , v. Muscle.
- Cholinesterases, v. Serotonin.
- Chondrocytes; quantitative studies on in vitro transformation of hamster chondrocytes, B 239.
- Chondrogenesis in chick limb buds and somites, A 281.
- Chorioallantoic membrane, v. Transplantation.
- Chromatin; digestion in vivo of chromatin from terminally differentiating chick lens fibre cells, B 949.
- Chromatin folding; the ionic strength dependence of chromatin folding, B 958.
- Chromatin loops; circles in spermatocyte chromatin loops, electron microscopy and AgAs-NORs studies, B 171.
- Chromatin repeat length; the chromatin repeat length of cortical neurons shortens during early postnatal development, B 939.
- Chromatin structure in ageing mouse liver, B 948.
- Chromosome, v. Sarcoma 180.
- Chromosome 20; v. Adenosine deaminase.
- Chromosome breakage, v. Colchicine.
- Chromosome duplication; additional chromosome duplication in female meiotic prophase of *Sipylloidea sipylus* Westwood, and its absence in male meiosis, B 1558.
- Chromosome study; a chromosome study of the parthenogenetic rice water weevil *Lissorhoptrus oryzophilus* Kuschel, B 444.
- Chromosome variations in *Xenopsylla astia* Rothschild 1911 (Siphonaptera). A preliminary report, B 1440.
- Chromosomes; differential banding induced in polytene chromosomes of *Drosophila melanogaster* stained with acridine orange, B 322.
- , occurrence of monocentric chromosomes in *Pieris brassicae*, B 451.
- , remarks on the karyotype of the polypteriformes, the chromosomes of *Polypterus delhezi*, *P. endlicheri conigicus* and *P. palmas*, B 999.
- , the chromosomes of *Bufo rubropunctatus* and *Bufo chilensis* and other species of the *spinolosus* group, B 452.
- , v. Supercontraction.
- Chronodesms; time-qualified reference intervals - chronodesms, B 713.
- Chrysocoris stollii*, v. Neurohaemal structure.
- Cichlid fishes, v. Speciation.
- Circadian rhythm of sleep and motor activity of the rat maintained under various lighting schedules, B 896.
- Circadian rhythmicity, v. Phosphorylase activity.
- Circulation; overview of circulation in the wing membrane, B 1398.
- , v. Venous pulse.
- Circulatory system, v. Venous vasomotion.
- Cirrrosis, v. Adrenalectomy.
- Cis-2(a-dimethylamino-m-hydroxybenzyl) cyclohexanol; a potent benzylamine analgesic: (-)-cis-2(a-dimethylamino-m-hydroxybenzyl) cyclohexanol, B 1124.
- Clarias batrachus*, v. Electroreceptors.
- Claviceps purpurea*, v. Alkaloids.
- Clevelandia*, v. Photoreceptor cells.
- Clockface model, v. Regeneration.
- Clofibrate, v. Myotonia.
- Clonidine (CL) reduces noradrenaline utilization in nucleus tractus solitarius (NTS), locus coeruleus (LC) and sympathetic lateral column (SLC), B 926.
- Clonidine; the nucleus of the solitary tract, a site of action of clonidine, B 924.
- Cm transposons; amplification of IS1 mediated Cm transposons carried by coliphage P1, B 948.
- CNS stimulation effect on the sexual maturation of the female rat, B 1238.
- CO₂ Tension; influence of O₂-, CO₂-tension and anaerobiosis upon number and morphology of pneumococcal colonies, B 1285.
- Co transport, v. Gills.
- Cocaine; interaction of cocaine and bunaphtide on the H-nor-epinephrine uptake mechanism on isolated left atrium of guinea-pig, B 770.
- Cocarcinogens of the diterpene ester type from *Croton flavens* L. and esophageal cancer in curacao, B 679.
- Cocci and diphtheroids in blood cultures from patients in various pathological situations, B 596.
- Coffee, v. Heart disease risk.
- Cola beverage, v. Heart disease risk.
- Colchicine; random chromosome breakage by colchicine in *Viscum fischeri*, B 328.
- Colchicine inhibition, v. ADH effect.
- Cold acclimation; effect of seasonal variations and cold acclimation on serum transaminase activity of common Indian frog *Rana tigrina*, B 1130.
- Cold tolerance of two antarctic terrestrial arthropods, B 1166.
- Collagen fibril; surface model of the collagen fibril as determined by two stage plastic replica, B 1635.
- Collagen synthesis of cultured fibroblast from Werner's syndromes of premature aging, B 1459.
- Colon; effect of parathyroidectomy on the fasting-refeeding response in the rat colon, B 189.
- , v. Intestine.
- Complements; superiority of human complement for assaying bacterial lipopolysaccharides by their anticomplementary activity, B 1227.
- Conalbumin; isoelectric focusing study of radiation damage to dry conalbumin, B 849.
- Concanavalin A Markierung hexagonal dichtestgepackter Intramembranpartikeln in stationärer Bäckerhefe, B 947.
- Congressus, 142, 276, 418, 552, 678, 893, 1246, 1530.
- Conidia; metabolic status of temperature induced swollen conidia of *Aspergillus nidulans*, B 43.
- Contractile activation, v. Cardiac cells.
- Corn cells; culture of haploid and monosomic corn cells, B 937.
- Cornea; endothelial nerve fibres in the cornea of the frog *Rana ridibunda*, B 1352.
- Corneal epithelium, v. Thyroxine.
- Corpora allata; neurosecretory control of corpora allata activity in cockroach *Periplaneta americana* L., B 49.
- Corpora cardiaca; ergastoplasmic granules, cytophysiological adaptation of the locusts corpora cardiaca to migratory flights, B 812.
- Corpus striatum, v. Transport.
- Corrigenda, 822, 893, 1656.
- Cortex reactivity, v. Sleeping.
- Cortical neurons, v. TRH.
- Cortical slices, v. Efflux.
- Corticosterone; changes in placental permeability to corticosterone and estradiol-17 β toward the end of gestation in the rat, B 262.
- , v. Carbachol.
- Cortisol-induced migration of eosinophil leukocytes to lymphoid organs, B 666.

- Cortisone; effect of cortisone or triiodothyronine administration to pregnant rats on lysosomal hydrolases in fetal forebrain and cerebellum, *B* 566.
- Corynebacteria-like microorganism; electron microscopical evidence of the evolution of corynebacteria-like microorganisms within human erythrocytes, *B* 458.
- Cosmopolitan species, v. *Drosophila*.
- Coumarins; hypotensive activity of some dihydroxycoumarins and their congeners, *B* 158.
- Creatine kinases; biosynthesis of creatine kinases in differentiating chicken myogenic cells, *B* 936.
- ; demonstration of the presence of M-creatine kinase in mammalian myogenic cell lines, *B* 1149.
- ; v. mRNA.
- Crest cells, v. Catecholamine.
- Crocus sativus* L.; variability in saffron (*Crocus sativus* L.), *B* 725.
- Cross bridge slippage, v. Muscle fibre.
- Croton flavens* L., v. Cocarcinogens.
- Cryopreservation, v. Hearts.
- CSF; distribution of CSF (colony stimulating factor) in kidney of the mouse, *B* 1365.
- Cucumis virus 3; biological relationship of cucumis virus 3 and powdery mildew fungus in bottle gourd, *B* 336.
- Culex pipiens pipiens*, v. Chlorpyrifos (Dursban) resistance.
- Current (I) voltage (V) relationships, v. Neuromembrane.
- Cursus, 1246.
- Cuticle, v. Growth layers.
- Cyclic AMP is a likely mediator of ovulation in the tsetse fly, *B* 1296.
- Cyclic AMP; neuronal responses to extracellularly applied cyclic AMP, role of the adenosine receptor, *B* 481.
- ; v. ACTH.
- ; v. Myocytes.
- Cyclic AMP phosphodiesterase, v. Lipids.
- Cyclic GMP; a promoting action of cyclic GMP on contractions of guinea-pig vas deferens, *B* 737.
- ; v. ACTH.
- Cyclochlorotine; a convenient thin layer chromatographic method for the detection of cyclochlorotine and simatoxin toxins from *Penicillium islandicum* Sopp., *B* 819.
- Cyclo(glycyl-L-prolyl); bacterial utilization of cyclo(glycyl-L-prolyl), *B* 579.
- Cycloheximide; inhibition of plasminogen activator production in organ cultures by cycloheximide, *B* 1288.
- 4-Cyclopentene 1,3-dione, v. Electrical excitability.
- ; v. Sulfhydryl groups.
- Cyclophosphamide therapy, v. Tumor bearing rats.
- Cynodon dactylon*, v. White leaf disease.
- Cyproheptadine; influence of cyproheptadine on the elimination of myeloid bodies from cultured rat pancreatic islets, *B* 962.
- Cystamine, v. Mexamine.
- Cysteine oxidase, v. Liver.
- Cysticercus cellulosae*, v. ATPase.
- Cystophora moniliformis*, v. Farnesylacetone.
- Cytochrome c oxidase; the binding sites for cytochrome c oxidase and cytochrome bc₁ on cytochrome c, *B* 916.
- Cytochrome P-450, v. Aflatoxin metabolism.
- Cytochromes, v. Biosynthetic pathways.
- Cytofilaments, v. Ribosomes.
- Cytogenetic effects of delta-9-tetrahydrocannabinol (Δ -THC) on hamster bone marrow, *B* 1205.
- Cytoskeletal filaments, v. Heart.
- Cytoskeletal proteins in normal, infected and virustransformed cells, *B* 940.
- Cytosol, v. Oestradiol receptor.
- Cytostatic activity of organic compounds and their average quasi-valence number, *B* 639.
- Cytostatic effect, v. Adenine arabinoside.
- Cytotaxonomy of the myobatrachid frogs of the genus *Limnodynastes*, *B* 584.
- 2,4-D; the level of action of 2,4-D on transcription, *B* 724.
- Daily rhythm, v. Pheromones.
- Danaus chrysippus*, v. Glycosides, cardiac.
- Daucus carota* L., v. Pectinesterase.
- Daunorubicin; synthesis and antitumour activity of new daunorubicin and adriamycin analogues, *B* 1255.
- Defensive secretion, v. Naphthoquinones.
- Dehydroascorbic acid, v. Ascorbic acid.
- 13,18 Dehydroglaucaurbinone; the isolation and structure of 13,18-dehydroglaucaurbinone, a new antineoplastic quassinoid from *Simarouba amara*, *B* 1122.
- Delta-9-tetrahydrocannabinol, v. Cytogenetic effects.
- Delta-6-THC, v. Lithium.
- Demilune cells, v. Kallikrein.
- Dendroaspis angusticeps*, v. Venom.
- Denervation of the posterior pituitary by implantation under the kidney capsule, *B* 955.
- Dental tissues, v. Cadmium effects.
- 2-Deoxy-D-glucose uptake; stimulation of 2-deoxy-D-glucose uptake in HeLa cells after rabbit poxvirus infection, *B* 1665.
- Deoxyglucose, v. Brain.
- (¹⁴C)-2-Deoxyglucose labeling in the pigeon visual, *B* 896.
- Deoxyribonucleic acid degradation; induction of deoxyribonucleic acid degradation in *Escherichia coli* by ozone, *B* 1578.
- Deoxyribonucleoprotein, v. Thymus.
- 2-Deoxyribose, v. Brain.
- Depigmentation, v. T-2 toxin.
- Dermal extract; the inhibitory effects of a dermal extract upon granulation tissue, *B* 635.
- Desipramine; effect of desipramine on the contents of some free amino acids of mouse brain, *B* 227.
- ; v. Imipramine.
- Desmosome-like structures; a mechanism of formation of desmosome-like structures between synovial intimal cells, *B* 1212.
- Development; quantitative aspects of structural changes in chorioallantoic placenta of the rat during its development, *B* 1343.
- Development of *Drosophila*; gap junctions and pattern formation in the development of *Drosophila*, *B* 938.
- Developmental events, v. Regeneration.
- Diabetics, v. Antibody.
- ; v. HLA BW54.
- Diamide; sidedness of the inhibitory effects of diamide on Na and water transport in amphibian skin, *B* 593.
- Diatoms; a method for collecting living diatoms after culture, *B* 415.
- Diazepam, v. Amnesic.
- ; v. Satiation.
- Diazepines; intracellular recording from cortical slices of rat and man in vitro, action of diazepines, *B* 924.
- Dibenz(b,f)-1,4-oxazepine, v. NIH shift.
- Dichloromethane; bacterial degradation of dichloromethane, *B* 1671.
- 2,4-Dichlorophenoxyacetic acid; induction of cereal cell lines, role of 2,4-dichlorophenoxyacetic acid, *B* 944.
- ; v. Kinetin.
- Dietary factors, v. Fe⁺⁺.
- Diethylstilboesterol diphosphate, v. Cancer, prostatic.
- Digestive physiology of *Bradynopyga geminata* (Odonata, Libellulidae), *B* 1579.
- Digitalis schischkini*, v. Glycosides.
- 1,8-Dihydroxy-9-anthrone, v. Autoxidation.
- 10,11-Dihydrodibenz(b,f)-1,4-oxazepin-11-(10H)-one, v. NIH shift.
- 3,4-Dihydroxyphenylacetic acid, v. Dopamine.
- 5,6-Dihydroxytryptamine, v. Substantia nigra.
- Dimethylnitrosamine demethylase, v. Amines.
- Dimethyl silicone oil, v. Transport system.
- Dimethyl sulfate, v. DNA.
- Diptheroids, v. Cocci.
- Dipylidium caninum*, v. Phospholipid composition.
- Disaccharidase rhythm in rat small intestine, no relationship with mitosis rhythm, *B* 700.
- Disk-sphere transition, v. Red cell.
- Diterpene ester, v. Cocarcinogens.
- Diterpene esters; the tumor promoting action of diterpene esters in vivo correlates with their potency to release prostaglandins from macrophages in vitro, *B* 922.
- Dithiols simulate endotoxin in the *Limulus* reaction, *B* 1154.
- Diurnal mammal, v. N-acetyltransferase activity.
- Diurnal variations in cholinesterase activities in the slug, *Laevicaulis alte*, *B* 612.
- DNA; a differential effect of L-serine on the incorporation of H-deoxycytidine and H-thymidine into DNA of rat thymocytes, *B* 40.
- ; a method to facilitate the base sequencing of highly repetitive DNA, *B* 949.
- ; association of DNA replication with nuclear membrane in larvae of *Chironomus thummi*, *B* 353.
- ; dependent-DNA-polymerase, possible limiting influence on cell reproduction during viral leukemogenesis, *B* 108.
- ; 2 dimensional electrophoresis of native and denatured DNA from chromatin digests, *B* 949.
- ; effect of dimethyl sulfate on the secondary structure of DNA, *B* 392.

- ; fractionation of mouse DNA by precipitation with Fl histone into fragments differing in their base composition, *B 309*.
- ; organization of the nuclear DNA of *Chlamydomonas reinhardtii*, *B 946*.
- ; removal of 5-bromo-2-deoxyuridine incorporated in liver DNA of newborn and young adult rats, *B 185*.
- ; the sequence of 800 nucleotides of *Xenopus laevis* DNA containing 2 tRNA genes, *B 950*.
- rDNA; mapping of the repetitious regions within the nontranscribed spacer of *Xenopus laevis* rDNA by restriction and DNA sequencing, *B 934*.
- DNA-content, v. Biotin.
- DNA polymerase; absence of low molecular weight DNA polymerase activity from the nuclei of *Amoeba discoides*, *B 427*.
- ; possible mechanism of inhibition of DNA polymerases sensitive to β -lapachone, *B 1667*.
- DNA polymerases of mouse P 815 cells, subcellular distribution and partial purification, *B 933*.
- DNA polymerase β ; purification and characterization of DNA polymerase β from rat forebrain cortical neurons, *B 960*.
- DNA polymerase γ from rat forebrain cortical nuclei is identical with DNA-polymerase γ from synaptosomes, *B 943*.
- DNA rearrangements and their importance in the evolution of gene system, *B 1658*.
- DNA, ribosomal; replication and metabolic stability of ribosomal DNA in *Physarum polycephalum*, *B 941*.
- DNA sequence relatedness of some *Neurospora* isolates, *B 47*.
- rDNA spacer transcripts in normal and cold treated *Xenopus* cells, *B 937*.
- DNA synthesis; ^3H -thymidine incorporation DNA synthesis and radiotoxicity in the ovary of the Japanese quail before and during follicle formation, *B 651*.
- ; unscheduled DNA synthesis (UDS) in rabbit germ cells induced by methyl methanesulfonate (MMS), *B 930*.
- ; v. Migration of lymphoid cells.
- DNAs; satellite DNAs in eukaryotes a non adaptive mechanism of speciation which originated with sexual reproduction, *B 1141*.
- Dolichoderinae, v. Slavery.
- L-DOPA; changes of profiles of neutrophil granulocytes induced with the administration of L-DOPA and prednisolone, *B 506*.
- Dopamine; a radioenzymatic method to measure picogram amounts of dopamine and 3,4-dihydroxyphenylacetic acid (DOPAC) in small samples of brain tissue, *B 739*.
- ; degeneration of unmyelinated axons in the dental root canal induced by 6-OH-dopamine, *B 1354*.
- ; the effects of dopamine, noradrenaline, and serotonin in the visual cortex of the cat, *B 1586*.
- ; v. Serotonin.
- Dopamine containing cell; synaptic input to the giant dopamine containing cell of *Planorbis corneus*, *B 899*.
- Dopamine currents, v. *Aplysia*.
- Dopamine neurons; correlation of firing rate and histochemical fluorescence intensity in individual giant dopamine neurons of the water snail *Planorbis corneus*, *B 901*.
- Dopamine receptors; pharmacological and binding studies of retinal dopamine receptors, *B 927*.
- Dopamine- β -hydroxylase; erythrocyte catechol-O-methyltransferase and plasma dopamine- β -hydroxylase in human umbilical cord blood, *B 310*.
- ; preparation of human dopamine- β -hydroxylase subunits and antibodies against these subunits, *B 820*.
- Dopamine- β -hydroxylase activity; effect of electroconvulsive treatment on serum dopamine- β -hydroxylase activity in man, *B 212*.
- Dopamine- β -hydroxylase activity in stroke-prone spontaneously hypertensive rats, *B 305*.
- Dopaminergic stimulation; reconsideration of a test for dopaminergic stimulation: Inability of apomorphine to induce mouse jumping, *B 767*.
- Dormancy; genetic control of dormancy in the potato cyst nematode, *B 448*.
- Down's syndrome-transferrin parallels plasma iron changes, *B 712*.
- Down's syndrome; adenosine triphosphate and diphosphoglycerate levels in red blood cells from patients with Down's syndrome, *B 1133*.
- Drug effects; differential drug effects on rat strains and activity measures, *B 930*.
- Drug metabolism, v. Vasectomy.
- Drug-metabolizing enzymes, v. Hexobarbital.
- Drosophila*; what distinguishes cosmopolitan and endemic *Drosophila* species, *B 1445*.
- ; v. Isozymes.
- ; v. Yolk protein.
- Drosophila* development; a unifying model to explain segmentation compartmentalization and regeneration in *Drosophila* development, *B 927*.
- 4 *Drosophila* heat shock proteins are associated with chromatin fractions, *B 932*.
- Drosophila melanogaster*, v. Behaviour.
- ; v. Chromosomes.
- ; v. Egg-laying.
- ; v. Embryonic development.
- ; v. Feeding.
- ; v. Genetic variation.
- ; v. Male recombination factor 31.1 MRF.
- ; v. Mating.
- ; v. Oviposition rhythm.
- Drug resistance; ISI mediated transposition and amplification of drug resistance determinants in *Escherichia coli* and its phage P 1, *B 1660*.
- Drug-resistance survey in Switzerland, an approach, *B 1660*.
- DTNB-light chain, v. Myosin.
- Ductus arteriosus; bayliss myogenic response in the isolated ductus arteriosus of guinea-pig and rabbit fetuses, *B 745*.
- Duplex DNA; a novel conformation of duplex DNA, form IV, *B 957*.
- Dysdercus cingulatus*, v. Reproductive organs.
- Dysdercus koenigii*, v. Mating instinct.
- ; v. Raffinose.
- β -Ecdysone; 26-hydroxy- β -ecdysone, a metabolite of β -ecdysone in the blowfly, *Calliphora erythrocephala*, *B 687*.
- Ecdysone; presence of ecdysone and ecdysterone in the tick *Amblyomma hebraeum* Koch, *B 1379*.
- Ecdysterone, v. Ecdysone.
- Eclampsia, v. Fibrinogen level.
- Eco PI; specificity of the Eco PI restriction modification endonuclease, *B 1660*.
- ECS, v. Blood volume.
- Eddy flow; occurrence of eddy flow in the flowing plasma space in capillary blood vessel of frog web, *B 857*.
- Edema, cerebral, v. Hepatitis.
- EEG-Schlaf der Ratte in unterschiedlich grossen Käfigen, *B 900*.
- Efflux; inhibitions of the efflux of organic ions from renal cortical slices, *B 630*.
- Egg; further characterization of the effects of ultraviolet irradiation of the amphibian egg, *B 883*.
- Egg-case membrane, v. Permeability coefficients.
- Egg laying; influence of the rank of egg laying on the transmission of the gonadal atrophy character in *Drosophila melanogaster*, *B 1438*.
- Egg mass, v. Sperm volume.
- Egg white lysozyme; reoxidation of reduced hen egg white lysozyme fragment 1-123, *B 1017*.
- Eggs, v. RNA.
- EHDP-effect on the synthesis of phosphophoryns and dentin collagen in the rat incisor, *B 908*.
- Ehrlich ascites carcinoma; inhibition of Ehrlich ascites carcinoma (EAC) growth by carbonyl iron, *B 1518*.
- ; v. Carcinoma.
- Ehrlich ascites tumor, v. Tannic acid.
- Ehrlich ascites tumor cells; relationship between A type and C type particles in Ehrlich ascites tumor cells, *B 1086*.
- ; v. Glycerin.
- Elapid toxins, v. Myocardia.
- Electric stress; activity of the reticuloendothelial system following exposure to electric stress and thymectomy, *B 591*.
- Electrical activity, v. Bradykinin.
- Electrical excitability; induction of electrical excitability in crustacean muscle by 4-cyclopentene 1,3-dione, *B 1033*.
- Electrical parameters, v. Intestine.
- Electrical slow waves, v. Smooth muscle.
- Electrical stimulation, v. Platelet aggregation.
- Electron microscopy, v. Sperms.
- Electronic junctions, v. Aminopyridine.
- Electroreceptors; anatomical identification of the presumed electroreceptors of two air breathing catfishes *Clarias batrachus* and *Heteropneustes fossilis*, *B 1345*.
- Embolic stroke, v. Brain.
- Embryo genesis; early chick embryo genesis, *A 277*.
- ; expression of mutagen-induced damage to sperm and spermatids during early mouse embryo genesis, *B 936*.
- Embryonic development; inbreeding effect, embryonic development and fecundity of *Drosophila melanogaster* offspring, *B 1273*.
- ; v. Retina.

- Embryos; effects of streptozotocin on early rat embryos grown in culture, *B* 84.
- ; toxicity of *Phytophthora infestans* and *Alternaria solani* to chick embryos, *B* 214.
- Endemic species, v. *Drosophila*.
- Endocrine centre; occurrence of an endocrine centre in the gonad of a land slug *Laevicaulis alte*, *B* 595.
- Endogenous virus; studies on a possible physiological role for endogenous virus in the immune system, *B* 945.
- Endolymphatic leakage, v. Microphonics.
- Endoplasmic reticulum, v. Photoemitter.
- Endothelial cells, v. Brain.
- Endothelial injury, v. Nicotine.
- Endotoxemia and adrenaline-hyperreactive death in mice, *B* 1483.
- Endotoxin; *Bacillus thuringiensis* endotoxin, evidence that toxin acts at the surface of susceptible cells, *B* 762.
- Endotoxin toxicity; type III (Arthus) allergic reactions and endotoxin toxicity in guinea-pigs, *B* 236.
- Energy expenditure; long-term measurement of energy expenditure in obese subjects on an ad libitum diet and during a protein sparing modified fast (PSMF), *B* 903.
- Energy transfer from the second excited singlet state of spirobifluorene, *B* 320.
- Enflurane; foetal growth retardation in the rat following chronic exposure to the inhalation anaesthetic enflurane, *B* 1332.
- Enkephalin analogue; effects of a synthetic enkephalin analogue on the cat spinal cord, *B* 928.
- Enkephalin and morphine in the pigeon optic tectum, *B* 897.
- Enkephalinamide, v. Prolactin.
- Enzyme; cell surface proteolytic activity of suspended embryonic cells isolated with and without proteolytic enzyme, *B* 462.
- Enzyme activities, v. Stress.
- ; v. Cholesterol.
- Enzyme inhibition, v. Chlorohydrin.
- Enzyme-substrate binding reaction, determination of activation energy and enthalpy change using the immobilized substrate, *B* 910.
- Enzyme systems, v. Venom.
- Enzymes; activity alterations of metabolic enzymes in the anterior pituitary of female rats during acute and chronic starvation, as well as after refeeding, *B* 545.
- ; immunocytochemistry of enzymes in normal and diabetic rat exocrine pancreas, *B* 933.
- Eosinophilic leukocytes, v. Cortisol.
- ; a rapid and simple method for the isolation of pure eosinophilic leukocytes from horse blood, *B* 1654.
- Ephesia cautella*, v. Acceptance response.
- Epididymis, v. cAMP.
- Epileptiform activity; possible explanation for interictal-ictal transition evolution of epileptiform activity in hippocampal slice by chloride depletion, *B* 1035.
- Epileptogenic focus, v. GABA.
- Epinephrine; the effect of epinephrine on granulocyte adhesion, *B* 119.
- Epiplasm; structural and chemical differentiation within the epiplasm of the ciliated protozoan *Pseudomicrothorax dubius*, *B* 51.
- Epithelial cells; isolation of epithelial cells from the urinary bladder of the toad, *B* 954.
- ; v. Muscle cells.
- Ergastoplasmic granules, v. Corpora cardiaca.
- Ergocriptine II, v. Bromocriptine I.
- Ergot derivatives; attempt to correlate effects of ergot derivatives with central dopaminergic stimulant properties in functional tests, *B* 931.
- ; v. PGO waves.
- Eriocheir sinensis*, v. Gills.
- Errors of metabolism, v. Metabolism.
- Erythrocyte aging; superoxide dismutase activity decreases during erythrocyte aging, *B* 1464.
- Erythrocyte membrane, v. Acetylcholinesterase.
- ; v. Hypertension.
- Erythrocyte membrane structure and agglutinin receptor binding, *B* 914.
- Erythrocytes; a new antisickling agent, in vitro studies of its effect on S/S erythrocytes and on hemoglobin S, *B* 804.
- ; agglutination of leukemic cells and daunomycin entrapped erythrocytes with lectin in vitro and in vivo, *B* 94.
- ; close association of erythrocytes with surface of late mouse blastocysts, SEM analysis, *B* 407.
- ; G-6PD loading of G-6PD deficient erythrocytes, *B* 431.
- ; the validity of the estimates of the half-saturation concentration and maximum velocity for the efflux of glucose from human erythrocytes in infinite-cis conditions, *B* 1551.
- ; v. Agglutination.
- ; v. Anesthetics.
- ; v. B-cells.
- ; v. Glycolysis.
- Erythrophores; presence of melanosome-like granules in dermal erythrophores of the tropical teleost (*Badis badis*), *B* 511.
- Erythropoiesis; yolk sac erythropoiesis, *A* 284.
- Escape phenomenon, v. Proparanolol.
- Escherichia coli*; the effect of an *Escherichia coli* DNA mutation on the replication of the plasmids col EI and RTF-TC, *B* 1666.
- ; v. Amines.
- ; v. Deoxyribonucleic acid degradation.
- ; v. Intramembraneous particles.
- Escherichia coli* strains; structure and properties of the R factor P 111 system in different *Escherichia coli* strains, *B* 1659.
- Esophagus; variation in the lactase dehydrogenase activity of the esophagus, *B* 484.
- Estradiol-17 β , v. Corticosterone.
- Estradiol receptors; estimation of total estradiol receptors in the rat uterus, *B* 907.
- Estrogen; influence of pinealectomy on serum estrogen and progesterone levels in blind-anosmic female rats, *B* 1378.
- ; morphological effects of estrogen on the female rat liver nucleus, *B* 877.
- Estrogen binding; dynamics of estrogen binding by uterine cells in vivo, *B* 134.
- Estrous cycle, v. Stress.
- Ethanol; aflatoxin B hepatotoxicity in rats pretreated with ethanol, *B* 869.
- ; effect of sucrose on lipogenesis of rats chronically treated with ethanol, *B* 564.
- ; efficacy of ethanol as a discriminative stimulus in ethanol-preferring and ethanol-nonpreferring rats, *B* 224.
- Ethanolamine phosphorylating activities, v. Choline.
- Ethionine, v. Mitochondria.
- Ethylene glycol, v. Transcription.
- Etomidate; GABA-mimetic action of etomidate, *B* 1325.
- Eukaryotic genes; biological activities of cloned eukaryotic genes inserted into frog oocytes and eggs, *B* 944.
- Eupsophus roseus*; systematic problems in frog species *Eupsophus roseus* (Anura, Leptodactylidae) detected by karyological analysis, *B* 446.
- Euscelis plebejus*, v. RNA.
- Evolution; transposition and the evolution of antibiotic resistance, *B* 1657.
- ; v. DNA rearrangements.
- Exercise; exogenous ^{13}C glucose (^{13}C -G) utilization during prolonged exercise in glycogen depleted (GD) and control subjects (C), *B* 902.
- Exhaust gases, v. Stomata.
- Experimentis, pro -, 139, 272, 412, 547, 671, 819, 1101, 1241, 1381, 1528, 1654.
- Exploratory activity; influence of enriched environment on exploratory activity in roman high and low avoidance rats, *B* 898.
- Extracellular fluid distribution in salt hypertensive monkeys, *B* 753.
- Extracellular space; the determination of extracellular space using hemoglobin, *B* 1103.
- Eye deprivation; acetylcholinesterase decrease in the optic lobe after unilateral eye deprivation, *B* 759.
- Eye movement, v. PAI.
- Eyes, transplanted; the growth of fibres from transplanted eyes in amphibian larvae, *B* 940.
- Facial nerve; origin and course of an afferent component of the facial nerve within the central nervous system, *B* 1181.
- Factor VIII, an aggregate of subunit dimers, *B* 915.
- Farnesylacetone; two derivatives of farnesylacetone from the brown alga *Cystophora moniliformis*, *B* 156.
- Fasting; effect of fasting and of insulin on the activities of acetyl CoA carboxylase and fatty acid synthetase of liver and adipose tissue, *B* 917.
- Fat body metabolism; seasonal variations in fat body metabolism of the green frog *Rana esculenta* L., *B* 1019.
- Fatty acid; a new furanoid fatty acid from the soft corals *Sarcophyton glaucum* and *gemmatum*, *B* 299.
- Fatty acid hydroperoxides, v. Lipid peroxidation.
- Fatty acid synthetase, v. Fasting.
- Fatty acids, v. Chlorpromazine.
- ; v. Liver mitochondria.
- Fatty acids translocation; spin-labelling technique applied to the problem of the control of fatty acids translocation and oxidation in the heart, *B* 909.

- Fe⁺⁺⁺; trace metals especially Fe⁺⁺⁺ as dietary factors for leafhoppers, *B* 465.
- Feeding; male recombination and mosaics induced in *Drosophila melanogaster* by feeding, *B* 447.
- Feeding an insect through its respiration; Assimilation of alcohol vapors by *Drosophila melanogaster* adults, *B* 163.
- Feeding behaviour; the influence of juvenile hormone on the feeding behaviour of last instar larvae of the codling moth, *Laspeyresia pomonella* (Lep. Tortricidae) reared under different photoperiods, *B* 1647.
- Ferritin; on the turnover of exogenous ferritin in the cephalopod optic gland, a microprobe study, *B* 116.
- Ferritin pathway; time and theophylline influence on the quantitative variations of the glomerular basement membrane ferritin pathway, *B* 371.
- Ferritin transport; effect of blood pH on anionic ferritin transport through rat aortic endothelium, *B* 1171.
- Ferritins, v. Inflammatory mediators.
- Fertility; effect of methyl ester aristolic acid from *Aristolochia indica* Linn. on fertility of female mice, *B* 1192.
- Fever; prostaglandin E-induced fever in rabbits pretreated with p-chlorophenylalanine, *B* 59.
- Fibrillation, v. Muscle.
- Fibrinogen, v. Polysaccharide.
- Fibrinogen level; studies on plasma fibrinogen level in pre-eclampsia and eclampsia, *B* 562.
- Fibrinolytic activity; sex related fibrinolytic activity in rat tissues, *B* 483.
- Fibroblasts; depletion of cellular glycogen during the early logarithmic growth phase of human fibroblasts, *B* 843.
- , v. Glycoproteins.
- Fighting differences; shock-induced fighting differences in roman high and low-avoidance rats, *B* 897.
- Filter characteristics of appendicularian food catching nets, *B* 173.
- Fish, v. Learning.
- , v. Pyrogen.
- Fl histone, v. DNA.
- Flask cell; rod-shaped particles in the plasma membrane of the mitochondria-rich (MR) flask cell of amphibian epidermis, *B* 935.
- Flavonoid deficiency; prolonged action of drugs in rats with flavonoid deficiency, *B* 1614.
- Flight muscles, v. Muscles.
- Fluorescence; quenching of intrinsic fluorescence accompanies the activation of prococoonase, *B* 440.
- Fluorescent cells, v. Sympathetic ganglia.
- Fluoride; the influence of ingested fluoride on the ascorbic acid concentration in guinea-pig tissues, *B* 429.
- Foetal growth retardation, v. Enflurane.
- Foetoprotein; the ontogeny of α -foetoprotein in the chicken, *B* 520.
- Foliar laeves, v. *Pinus*.
- Folic acid levels in blood and seminal plasma of normo- and oligospermic patients prior and following folic acid treatment, *B* 1301.
- Follicle formation, v. DNA synthesis.
- Food, v. Reticulum.
- Food catching nets, v. Filter characteristics.
- Food preference, v. Learning.
- Forebrain bundle, v. Temperature rhythm.
- Frequency gradient, v. Renal pelvis.
- Friend leukemia; effect of infection of mice with Friend leukemia complex viruses on background antibody forming cell production in vitro, *B* 1161.
- Fucosterol, v. β Sitosterol.
- Fructose, v. Spermatozoa.
- Fructose 1,6-bisphosphatase, v. Zn²⁺.
- Fumarase activities, v. Carcinoma.
- Functional recovery; a new method of measuring functional recovery after crushing the peripheral nerves in unanesthetized and unrestrained rats, *B* 272.
- Fungal protoplasts, v. Aflatoxin biosynthesis.
- Fungi, v. Spitzenkörper centre.
- Fungicides; polyoxin fungicides: Demonstration of insecticidal activity due to inhibition of chitin synthesis, *B* 228.
- Fungitoxic principle; a fungitoxic principle from the leaves of *Lawsonia inermis* Lam., *B* 51.
- Fusarium*; toxic substances produced by *Fusarium*. VII. control of fusarial wilt of safflower by root exudates and extracts of *Ruellia tuberosa*, *B* 1057.
- Fusarium*; toxic substances produced by *Fusarium*. Anti-*F. oxysporum* f.sp. *carthami* effect of 2,2,4-trihydroxybenzophenone, *B* 229.
- Fusicoccum amygdali* Del., v. p-Menthane.
- G-6PD loading, v. Erythrocytes.
- GABA; action of β -(4-chlorophenyl-GABA) on uptake and metabolism of GABA in different subcellular fractions of rat brain, *B* 1137.
- , can the binding of GABA glycine and β -alanine to synaptic receptors be determined in the presence of a physiological concentration of Na, *B* 1314.
- , the action of conformationally restricted analogues of GABA on *Limulus* and *Helix* central neurones, *B* 1630.
- , the influence of GABA on discharges of cortical epileptogenic focus, *B* 1308.
- , v. Etomidate.
- , v. Homocarnosine.
- GABAergic inhibition, v. Neurons.
- GABA receptor; isoguvacine, isonipecotic acid muscimol and N-methyl isoguvacine on the GABA receptor in rat sympathetic ganglia, *B* 1193.
- GABA specific presynaptic dendrites of local circuit neurons, *B* 903.
- D-Galactan; ultrastructural localization of β -D-galactan in the nuclei of the myxomycete *Physarum polycephalum*, *B* 942.
- Galactomannan; localization of galactomannan in the yeast *Schizosaccharomyces pombe*, *B* 960.
- Galactomannane peptide, v. Hyperlipemia.
- Galactose; simultaneous localization of an hepatic binding protein specific for galactose and of galactose-containing receptors on rat hepatocytes, *B* 942.
- Galactosidase isozymes from *Bacillus stearothermophilus*, *B* 910.
- Galactosyltransferase; the charge heterogeneity of pure galactosyltransferase from human milk, *B* 909.
- Gallbladder contraction; enhancement of electrically stimulated guinea-pig gallbladder contraction by subthreshold concentrations of gastrointestinal hormones in vitro, *B* 205.
- Galleria mellonella* L., v. Prothoracic glands.
- Gallstones; dissolution of gallstones in hamsters by 3-hydroxy-3-methylglutaric acid, *B* 1328.
- Gamma irradiation; split-dose recovery after gamma-irradiation of in vitro cultivated nodes and single cells of bindweed, *B* 1073.
- Gamma-rays; chemical protection of mouse spermatocytes against gamma-rays with 2-mercaptopyrionylglycine, *B* 91.
- Gammarus oceanicus*, v. Hemolymph regulation.
- Gangliosides; the absence of gangliosides in a higher plant, *B* 1433.
- Gas chromatography; a low cost device for increased analytical capacity in gas chromatography, *B* 139.
- Gasoline vapours, v. Alveolitis fibrosing.
- Gastric cancer, v. Cancer.
- Gastric mucosa; the acidic glycosaminoglycans in gastric mucosa of athyroid rats, the effects of L-tri-iodothyronine, *B* 808.
- , v. Gastrin.
- Gastric mucus; does increased gastric mucus play a role in the ulcer-protecting effects of zinc sulphate?, *B* 90.
- Gastrin secretion; do β adrenergic agents directly stimulate gastrin secretion?, *B* 607.
- Gastrin stimulated H⁺ secretion in amphibian gastric mucosa, effect of tetrodotoxin, *B* 625.
- rIIB Gene; a temperature-sensitive mutation in the initiation codon of the rIIB gene of phage T 4, *B* 933.
- Gene expression; loss of redundant gene expression after polyploidization in plants, *B* 332.
- Gene numbers; ribosomal gene numbers in Microseridinae, *B* 1452.
- Genetic variation in natural populations, morphological traits in *Drosophila melanogaster*, *B* 833.
- Genome size in the green toad (*Bufo viridis*) group, *B* 331.
- Gentamycin, v. Amikacin.
- Germ cells; attraction of primordial germ cells by notochord in seven somites chick embryo, *B* 1506.
- Germ free mouse, v. Leukocytes.
- Germ-line cells, v. Nuclear lamellae.
- Gestation; lipofuscin accumulation in squirrel monkey spinal cord consequent to protein malnutrition during gestation, *B* 377.
- Giant T4 capsids; relationship of cleavage with structural transformation in giant T4 capsids, *B* 958.
- Gibberellin response; 'boost' in gibberellin response by water stress in seedling growth, *B* 1148.
- Gills; Na/NH₄ co-transport in isolated perfused gills of the Chinese crab *Eriocheir sinensis* acclimated to fresh water, *B* 1593.
- Gl chalone, v. Langerhans cells.
- Glaucoscin, a bacteriocin-like substance from *Streptomyces glaucescens*, killing germinating spores, *B* 1669.
- Glial factor producing cells; evidence for an in vitro differentiation of glial factor producing cells in rat brain primary cultures, *B* 957.

- β -Globin; the intervening sequence of a mouse β -globin gene is transcribed into the 15 S β -globin mRNA precursor, *B* 937.
- Globin messenger ribonucleoprotein; repressor and inhibitory activities associated with masked globin messenger ribonucleoprotein complex, *B* 936.
- Globus pallidus*, v. Substantia nigra.
- Glomerular basement membrane; evidence of urinary glomerular basement membrane (GBM) antigens excretion in 3 rodents (rat mouse and guinea-pig), *B* 747.
- , v. Ferritin pathway.
- Glomerular localization, v. Inflammatory mediators.
- Glomerulonephritis, human; filamentous bodies in human glomerulonephritis, *B* 82.
- Glossina austeni*, v. Amino acids.
- Glucagon; NMR-studies of the solution conformation of glucagon, *B* 920.
- Glucose; dial variations in the levels of blood glucose and hepatopancreatic glycogen in the slug, *Laevicaulis alie*, *B* 606.
- , v. Erythrocytes.
- D-glucose; the transport system for D-glucose is the rate limiting step of its metabolism in *Trypanosoma brucei*, *B* 910.
- , anomeric compositions of D-glucose in tissues and blood of rat, *B* 167.
- Glucose C¹⁴, v. Spermatozoa.
- Glucose levels, v. Blastocyst.
- Glucose output; sympathetic nerve control of glucose output in situ perfused mouse liver, *B* 902.
- D-glucose translocator; the influence of the electrochemical potential of Na⁺-dependent D-glucose translocator of intestinal brushborder membrane vesicles, *B* 919.
- Glucose transport, v. Anesthetics.
- Glucuronyltransferase; interference of rat liver microsomal UDP-glucuronyltransferase (GT) and β -glucuronidase (β G), *B* 924.
- Glutamate; the effect of glutamate on the membrane potential of cat caudate neurons, *B* 925.
- , the role of glutamate in pigeon optic tectum, *B* 904.
- Glutamate decarboxylase activity in preoptic and hypothalamic nuclei of the rat, *B* 988.
- Glutamate dehydrogenase; bovine brain glutamate dehydrogenase, *B* 908.
- Glutamate uptake, v. Synaptic vesicle.
- Glutamic acid; action of glutamic acid and of some glutamate analogues on the molluscan central neurones, *B* 867.
- L-Glutamic acid; thermoregulatory effects on the sheep of intracerebroventricular injections of L-glutamic acid, *B* 370.
- Glutamic acid decarboxylase, v. Brain.
- Glutamine activation; a lack of correlation between rat kidney mitochondrial swelling and glutamine activation in metabolic acidosis, *B* 359.
- Glutamine activity in rat skeletal muscle mitochondria, *B* 165.
- Glutathione peroxidase, v. Blood spots.
- , v. Pregnancy.
- Glutathione transferases; purification of glutathione transferases by affinity chromatography, *B* 909.
- Glycerin prevents the heat-death of Ehrlich ascites tumor cells, *B* 829.
- Glycerolipid synthesis; role of the plasma membranes and of the intracellular membranes in adipocyte glycerolipid synthesis, *B* 909.
- Glycine; the effect of glycine on serum luteinizing hormone in adult female rats, *B* 1231.
- , v. GABA.
- Glycine max*, v. L-Canavanine.
- Glycine receptors, v. β -Alanine.
- Glycogen, v. Alloxan.
- , v. Glucose.
- Glycogen and phosphorylase in Klinefelter's syndrome, a histochemical study, *B* 1081.
- Glycogen, cellular, v. Fibroblasts.
- Glycogen synthesis, v. Lipogenesis.
- Glycogen turnover, v. Retina.
- Glycogenolysis; interrelations between the exchange of H⁺, K⁺, Ca²⁺ across the cell membrane and the control of hepatic glycogenolysis, *B* 912.
- Glycolysis; inhibition of glycolysis by L-sorbose in dog erythrocytes, *B* 800.
- Glycophorin; segregation of glycophorin from other integral membrane proteins, *B* 914.
- Glycoproteins; identification of sulfated glycoproteins and mucopolysaccharides in lymph nodes and thymus, *B* 917.
- , relationship between regeneration of cell surface glycoproteins in trypsin-treated chick embryo fibroblasts and cell adhesion to the substratum, *B* 736.
- Glycoproteins in mycoplasmas. Contamination with serum aggregates from growth media, *B* 1668.
- Glycosaminoglycans, v. Gastric mucosa.
- , v. Hurler syndrome.
- , v. Kidney medulla.
- Glycoside, cardiac, v. Growth rate.
- Glycosides; glucoacetyldigoxoside and glucodigoxoside, new primary glycosides from the leaves of *Digitalis schischkini* (Ivan.) Werner, *B* 1254.
- Glycosides, cardiac; cardiac glycosides in *Danaus chrysippus* (L.) provide some protection against an insect parasitoid, *B* 844.
- Glycosidic receptors; the lack of insulin-binding to simple glycosidic receptors, *B* 307.
- Glycyrrhizine, v. Hydrocortisone.
- Gold ions, v. Skin.
- Gonadotropin-inhibiting substances, v. Antrogenesis.
- Gonadotropin receptors, v. cAMP.
- Granulation tissue, v. Dermal extract.
- Granulocyte adhesion, v. Epinephrine.
- Growth; effects of anaerobiosis on auxin and fusaric acid induced growth and ion transport, *B* 841.
- Growth factors; insulin like growth factors (IGF I and II), 2 polypeptides homologous to proinsulin, *B* 916.
- Growth hormone, v. Prolactin.
- Growth hormone secretion, v. Adrenaline.
- Growth layers; circadian growth layers in the cuticle of behaviourally arrhythmic cockroaches (*Blaberus fuscus*), *B* 477.
- Growth metabolism of diaphragm in Swiss albino mice, *B* 75.
- Growth parameters of hemopoietic cells in vitro at the level of whole colonies, *B* 950.
- Growth rate; the effect of cardiac glycoside storage on growth rate and adult size in the butterfly *Danaus chrysippus*, *B* 845.
- Growth-stimulating agent, v. Skin fibroblast cultures.
- Guanine, v. Brain.
- Guanosine 3', 5'-phosphoric-o-nitrobenzylester; synthesis and application of the photolabile guanosine 3', 5'-phosphoric-o-nitrobenzylester, *B* 14.
- Gum arabic; effect of gum arabic on aminopyrine demethylation in rats, *B* 1609.
- Gustatory neural responses; depression of frog gustatory neural responses to quinine-HCl after adaptation of the tongue to various taste stimuli, *B* 196.
- Gymnosperms; chemical composition and distribution pattern of crystalline inorganic components in Japanese gymnosperms, *B* 600.
- ³H- β -alanine, v. Nervous tissue.
- H-deoxycytidine, v. DNA.
- ³H-GABA; uptake of ³H-GABA and L-³H-glutamic acid in cultured rat dorsal root ganglia, *B* 899.
- H-5-Hydroxytryptamine; release of newly synthesized ³H-5-hydroxytryptamine from the rat spinal trigeminal nucleus, *B* 929.
- , v. *Mytilus edulis*.
- H-LSD labels, a novel dopamine receptors in molluscan ganglia, *B* 923.
- H⁺ secretion, v. Gastrin.
- H-Thymidine, v. DNA.
- Haemal system; direct visualization of the haemal system in starfish by a staining procedure, *B* 1243.
- Haemolymph, v. Amino acids.
- Hansch analysis, v. Oxytocin.
- Haploid production via anther and microspore culture, *B* 961.
- HCO₃ATPase activity, v. Liver.
- Heart; are anticholinergic effects responsible for the heterogeneous quinidine-induced modifications of heart muscle refractoriness, *B* 631.
- , cytoskeletal filaments of heart conducting system localized by antibody against a 55,000 dalton protein, *B* 792.
- , kinetics and inotropic action of probenecid in guinea-pig heart in vitro, *B* 1620.
- , v. Liver.
- , v. Octopamine.
- Heart cells; ischemic myocardial injury in cultured heart cells, in situ lysosomal damage, *B* 1388.
- Heart disease risk; coffee and cola beverage consumption as heart disease risk factors in men, *B* 1182.
- Heart function; the influence of hyperosmolality on heart function, *B* 1600.
- Heart muscle, v. Phosphorylase activity.
- Hearts; successful cryopreservation of auricle fragments from rat hearts at -196 °C, *B* 1024.
- Heat; pineal N-acetyltransferase depression in rats exposed to heat, *B* 1645.

- Heat shock genes; Sequence studies of heat shock genes from *Drosophila melanogaster*, B 944.
- Heliothis armigera*, v. Sex attractants.
- Heliothis virescens*, v. Pheromonal components.
- Helix aspersa*, v. Potentiation of transmission.
- Helix pomatia*, v. Octopamine.
- Hemicholinium, v. Carbachol.
- Hemidactylus brooki*, v. Variability.
- Hemoglobin; the effect of ligand on the kinetics of the reaction of the sulphhydryl groups of human hemoglobin with p-mercuribenzoate, B 439.
- , v. Extracellular space.
- Hemoglobin S, v. Erythrocytes.
- Hemoglobin synthesis; evidence for the existence of an agent in the serum of the cyclic hematopoietic dog which influences hemoglobin synthesis, B 1367.
- Hemolymph regulation to hyposaline and hypersaline conditions in *Gammarus oceanicus* (Crustacea, Amphipoda) B 1297.
- Hemolytic activity; enhancement of the hemolytic activity of the first component of human complement by collagen, B 913.
- Hemopoietic colony forming cells, v. Antitumor agent.
- Hendersonula toruloides*, v. Naphthoquinone.
- Hepatitis; cerebral edema in the rat with galactosamine induced severe hepatitis, B 1501.
- Hepatocyte culture; serum free hepatocyte culture evidence for de novo synthesis of multiple forms of cytochrome P 450, B 921.
- Hepatocytes, v. Galactose.
- , v. Lectin receptors.
- Hepatoma induction in the rat by the subcutaneous administration of powdered 3'-methyl-p-dimethylaminoazobenzene, B 788.
- Herpes mammillitis*; bovine *Herpes mammillitis* in Switzerland, a seroepizootologic survey, B 1662.
- Heterocyclic compounds, v. Carcinogenicity.
- α_1 -Heteroglycan; purification and partial characterization of a human plasma α_1 -heteroglycan, B 826.
- Heteropeza pygmaea*, v. Oocyte nuclei.
- Heteropneustes fossilis*, v. Electrosensors.
- Hexobarbital; induced of microsomal drug metabolizing enzymes caused by hexobarbital, B 226.
- Hg-203; metabolic studies of Hg-203 on *Chlamydomonas reinhardtii*, B 602.
- Hibiscus cannabinus* Linn., v. Spirality.
- Hind-limb development; study of the hind-limb development in the newt *Pleurodeles waltlii* Michah (Amphibiae, Urodela) after epidermis removal of the bud, B 790.
- Hippocampal region, v. Monoamine.
- Histamine H_1 - and H_2 -receptors-mediated gastric microcirculatory effects in the etiology of stress ulceration in the rat stomach, B 1294.
- Histone DNA clone; analysis of a variant histone DNA clone of the sea urchin, B 952.
- Histone genes in HeLa cells, B 934.
- Histone messenger; synthesis of histone messenger RNA during embryonic developments of the sea urchin *Paracentrotus lividus*, B 955.
- Histone mRNA; characterization of histone mRNA and histone genes in mouse, B 959.
- Histone proteins; isolation of histone proteins from rat normal and tumour blood plasma, B 522.
- Histones in ageing mouse liver, B 959.
- Histones in lens epithelium, lens fibres, liver, brain and erythrocytes from chick embryos, B 960.
- HLA BW 54 and B5 in Japanese diabetics with juvenile-onset and insulin-dependency (with special reference to the family history), B 669.
- Homarine; concentration by the renal sac of *Molgula manhattensis* of homarine, a nitrogenous compound, B 1028.
- Homocarnosine; action of homocarnosine, carnosine and anserine on uptake and metabolism of GABA in different subcellular fractions of rat brain, B 823.
- Homoserine, v. Serine.
- Hormone, v. Brain.
- Hormone action; biochemical localization of hormone action within the cortical nephron of the rat, B 918.
- Hormone receptor interactions; binding of unlabeled bPTH to bovine kidney cortex plasma membranes, a method for studying hormone receptor interactions, B 918.
- Hormones, gastrointestinal, v. Gallbladder contraction.
- Horse blood, v. Eosinophilic leukocytes.
- 5HT-receptors in brain of rats with experimental allergic encephalomyelitis (EAE) and after incubation with myelin basic protein (MBP) in vitro, B 911.
- 5HT-receptors; pharmacological characterization of the 5-hydroxytryptamine-receptor of blood platelets, B 924.
- 5HT-synthesis; effect of reserpine-like drugs on 5-hydroxytryptamine-synthesis in rat brain, B 929.
- 1-5HTP; a relationship between behavioral and physiological responses to i.v. 1-5HTP, B 901.
- Humidity; effect of relative humidity on the free-living stages of *Strongyloides papillosus* (Rhabdiasoidea: Nematoda), B 580.
- Hurler syndrome; further studies on hepatic acidic glycosaminoglycans in the hurler syndrome, B 577.
- Hyaluronidase, v. Hydrocortisone.
- Hybridization; localization of tRNA genes from *Drosophila melanogaster* by in situ hybridization, B 945.
- Hybridization between *Mus musculus* L. and *Mus spretus* Latate under laboratory conditions, B 1140.
- Hydrazines; metabolism of hydrazines and hydrazides by the intestinal microflora, B 1484.
- Hydrocortisone; influence of hydrocortisone on cytopathic effect of Newcastle disease virus and stability to freezing of vesicular stomatitis virus, B 1528.
- , the effects of hydrocortisone and glycyrrhizine on the enzyme releases of arylsulphatase and hyaluronidase from lysosomes of liver, B 387.
- Hydrolases, v. Cortisone.
- Hydroperene, v. Sterilising activity.
- 3-Hydroxy-3-methylglutaric acid, v. Gallstones.
- 25-Hydroxycholecalciferol, v. Protein synthesis.
- Hydroxycholecalciferol, v. Serum.
- Hydroxythiazolobenzimidazole, v. Immunomodulating effects.
- 6-Hydroxydopamine, v. Carotid body.
- 3 β -Hydroxysteroid dehydrogenase, v. Ascorbic acid.
- 5-Hydroxytryptamine, v. Temperature.
- 5-Hydroxytryptamine storage; fluorescence microscopical study of 5-hydroxytryptamine storage organelles in mepacrine-incubated blood platelets of beige mice (Chediak Higashi syndrome), B 663.
- L-5-Hydroxytryptophan, v. Catechol structure.
- Hyolirupes bajulus*, v. Oviposition behaviour.
- Hyperlipemia; on a rabbit hyperlipemia induced by a fungic galactomannane peptide, B 1384.
- Hyperosmolality, v. Heart function.
- Hyperpolarization; electrogenic hyperpolarization in canine cardiac Purkinje fibres exposed to calcium ionophores, B 619.
- Hypertension; phosphoinositide content in the erythrocyte membrane of rats with spontaneous and renal hypertension, B 744.
- Hypertensive rats, v. Dopamine- β -hydroxylase.
- , v. Noradrenergic neurons.
- Hyperthermia, v. Brain.
- Hypervitaminosis A, v. Testes.
- Hypoglycaemia, v. Motilin levels.
- Hypophysis; binding bovine immunoglobulins to anterior lobe cells of the hypophysis, B 1090.
- Hypotensive activity, v. Coumarins.
- Hypotensive fraction, v. Venom.
- Hypothalamic lesions and the endocrine pancreas, B 916.
- Hypothalamic neurons; electrophysiological properties of cultured hypothalamic neurons, B 898.
- Hypothalamic nuclei, v. Glutamate decarboxylase.
- Hypothalamus; the occurrence of para octopamine in the hypothalamus of the domestic fowl, effects of drugs on its storage and metabolism, B 1329.
- , topographic localisation of insulinogenic and insulinoprival areas in the hypothalamus, B 1237.
- Hypothermia, v. Brain.
- , profound hypothermia in golden hamsters (*Mesocricetus auratus*) induced by serotonergic potentiating and noradrenergic inhibiting drugs, B 607.
- ¹²⁵I insulin; binding, internalization and lysosomal association of ¹²⁵I insulin in isolated rat hepatocytes, B 936.
- Iliensin, v. Iselin.
- 5(3,3-dimethyl-1-triazeno)-imidazole-4-carboxamide, v. Immune responses.
- Imidazole pyruvate, v. Zn.
- Imipramine; separation and quantitative determination of imipramine and desipramine from rat biological samples by high pressure liquid chromatography, B 1486.
- Immune response, v. Levam.
- Immune responses; long-term depression of two primary immune responses induced by a single dose of 5-(3,3-dimethyl-1-triazeno)-imidazole-4-carboxamide (DTIC), B 799.
- Immunization; oral immunization of foxes against rabies, B 1662.

- Immunoadjuvant activity, v. Acetyl muramyl dipeptide.
- Immunofluorescent method; an immunofluorescent method for identification of isolated thyrotropic cells, *B* 536.
- Immunoglobulin classes; intracytoplasmic immunoglobulin classes in individual *Xenopus* lymphoid cells, *B* 941.
- Immunoglobulins, v. Hypophysis.
- Immunological fibre characterization of cross striated rabbit skeletal muscles, *B* 946.
- Immunomodulating effects in vitro of a hydroxythiazolobenzimidazole in the absence of mitogenicity, *B* 802.
- Immunosympathectomy; on the mechanism of immunosympathectomy, *B* 1371.
- Indole metabolism; estimation of the methylating capacity of the pineal gland, with special reference to indole metabolism, *B* 887.
- Infarct size; determination of infarct size in rats with rubidium, *B* 1478.
- Infarction dysrhythmias; close relation between hypothalamic and cardiac norepinephrine during stress and its role in acute myocardial infarction dysrhythmias, *B* 1611.
- Infertile women; possible presence of autoantibodies to zona pellucida in infertile women, *B* 797.
- Inflammatory mediators; effects of inflammatory mediators on the glomerular localization of intravenously administered ferritins, *B* 1196.
- Influenza; innate resistance against influenza is expressed in cultured liver cells, *B* 1663.
- Influenza messenger RNAs; cell-free system for the coupled transcription and translation of the influenza messenger RNAs, *B* 942.
- Influenza virus; the influenza virus transcriptase and its transcription products, *B* 1664.
- Infusion at constant rate in vivo, *B* 672.
- Innervation, v. Penis artery.
- , v. Vascular wall.
- Inotropic effect, v. Papaverine.
- Insect cells; a simple method for obtaining high plating efficiencies with cultured insect cells, *B* 674.
- Insect wax, v. Ceralbol.
- Insecticidal activity, v. Fungicides.
- Insulin; anomalous stability of insulin at very high pressure, *B* 188.
- , stimulation of insulin release increases gap junctions in pancreatic islet cells, *B* 947.
- Insulin administration, v. Alloxan diabetes.
- Insulin binding, v. Glycosidic receptors.
- Insulin dependency, v. HLA BW54.
- Insulin release, v. Pregnancy.
- Insulin resistance; study on insulin resistance in muscles from genetically obese (fa/fa) rats, *B* 907.
- Insulin secretion; neutral control of insulin secretion, the effect of electrical stimulation of hypothalamic areas on peripheral plasma levels of insulin and glucose in the anesthetized rat, *B* 895.
- Insulinogenic areas, v. Hypothalamus.
- Interferon action; kinetics of interferon action, *B* 1164.
- Intestinal, v. Vagal stimulation.
- Intestinal hypertrophy, v. Prolactin.
- Intestinal microflora, v. Hydrazines.
- Intestinal motility, v. Naloxone.
- Intestine; seasonal changes in the electrical parameters of the small intestine colon and bladder mucosa of land tortoises *Testudo hermanni hermanni*, *B* 1174.
- Intramembraneous particles; a view on intramembraneous particles, *B* 454.
- Iodothyronine, v. Blood.
- Ion-conductance, v. Ranvier node.
- Ion-solvent interaction, viscosity, apparent molar volume and conductivity of univalent electrolytes in dioxane/water mixtures at different temperatures, *B* 976.
- Ion transport; the influence of pH on the sex-related differences in renal organic ion transport, *B* 1315.
- , v. Growth.
- Ionic effects on cyclic nucleotide accumulation in a phytophagous insect, *B* 695.
- Ionophore A23187; inhibition of neural tube closure by ionophore A23187 in chick embryos, *B* 518.
- Iron, v. Down's syndrome.
- Iron deficient rats, v. Lysozyme levels.
- Iron level; serum iron level of the common indian frog *Rana tigrina* Daud, *B* 433.
- Iron malabsorption, v. Turner's syndrome.
- γ -Irradiation, v. Soil enzyme.
- Irradiation death, v. Vitamin E.
- Isatin; nature of inhibition of rat testicular alkaline phosphatase by isatin, *B* 434.
- Ischaemia, intestinal, v. Vasoactive intestinal polypeptide.
- Ischemia, v. ATP.
- Iselin; revised structures for iselin and iliensin and the identity of the former with archangelin, *B* 553.
- ISI; involvement of ISI in the formation of hybrids between phage P1 and the R plasmid NRI, *B* 943.
- Islets of Langerhans, v. Tolbutamide.
- Isofucosterol, v. Sitosterol.
- Isoguvacine, v. GABA receptor.
- Isoguvacine isonipecotic acid muscimol and N methyl isoguvacine on the GABA receptor in rat sympathetic ganglia, *B* 1193.
- Isolation of filaments, v. Lens.
- Isoprenaline induced drinking; the nature of beta adrenergic receptors involved in isoprenaline induced drinking, *B* 925.
- Isoproteins; primary structure of equine hepatic metallothionein comparison of renal and hepatic isoproteins, *B* 906.
- Isoproterenol; alpha-adrenergic activity of isoproterenol in mosquito antennae, *B* 758.
- Isotrinervi-2 β -ol structural isomers in the defense secretions of allopatric populations of the termite *Trinervitermes gratusus*, *B* 682.
- Isozymes in *Drosophila* cell line, *B* 438.
- Jejunum, v. Bradykinin.
- Jhanilactone; the structure of jhanilactone, *B* 554.
- L-tri-Iodothyronine, v. Gastric mucosa.
- Juvenile hormone, v. Feeding behaviour.
- , v. Precocene.
- , v. Reproductive organs.
- Juvenile hormone analogues; the effects of juvenile hormone analogues on the eggs of *Pteris brassicae* L., *B* 544.
- K⁺, v. Na⁺.
- K⁺-activity; does the K⁺-activity measured by microelectrodes in salivary gland nuclei of *Chironomus* change during development, *B* 961.
- K⁺-ions, v. Wing veins.
- Kainic acid binding in the pigeon CNS, *B* 911.
- Kallikrein; demilune cells of the cat submandibular gland, an unlikely source of kallikrein, *B* 609.
- , localization of renal kallikrein in the dog, *B* 621.
- Karyotype and centric dissociation in water vole *Arvicola sapidus* spp. *sapidus* Miller 1908 (Rodentia, Muridae), *B* 706.
- Karyotypes; the karyotypes of the corsican and sardinian mountain salamanders, *Euproctus montanus* and *E. platycephalus* (Urodela, Salamandridae), *B* 1002.
- Kidney, v. CSF.
- , v. Mutarotase.
- , v. Protein synthesis.
- Kidney medulla; glycosaminoglycans in separated tubules of the guinea-pig and rat kidney medulla, *B* 693.
- Kidney transplantation, v. Acetylsalicylate.
- Kinetin; the effects of 2,4-dichloro-phenoxy-acetic acid, indol-3-yl-acetic acid and kinetin of the activity of auxin-destroying enzymes of sycamore cell suspensions cultures, *B* 468.
- Kininase II, v. Bradykinin.
- Klinefelter's syndrome, v. Glycogen.
- Knema attenuata*, v. Attenuol.
- La³⁺, v. Ca²⁺ transport.
- Lacrimal gland; studies of autoimmune induction in the rat lacrimal gland, *B* 1093.
- Lactate dehydrogenase; evidence for the nonhydrophobic interaction of aromatic nitrogen-containing compounds with the coenzyme binding site of a NAD-linked D-lactate dehydrogenase, *B* 567.
- , v. Testosterone.
- Lactate dehydrogenase activity, v. Esophagus.
- Lactate dehydrogenase during the larval development of *Cancer irroratus*, effect of constant and cyclic thermal regimes, *B* 308.
- Lactate dehydrogenase polymorphism in *Mus musculus* L. and *Mus spretus* Lataste, *B* 1144.
- Lactation, v. Selenium.
- Lactic acid production, v. Proteolytic activity.
- Lactic dehydrogenases; sequence studies on lactic dehydrogenases (LDHs) from thermophilic bacilli and comparison with LDHs of mesophilic sources, *B* 919.
- Lactobacillus casei*, v. X-ray irradiation.
- Lactose gene; a lactose gene in a nonconjugative fi⁺R factor from *Klebsiella pneumoniae*, *B* 1659.
- Laevicaulis alte*, v. Diurnal variations.
- , v. Endocrine centre.
- , v. Glucose.

- Lamellidens marginalis*, v. Aminotransferase.
- Langerhans cells; lack of relationship between Langerhans cells epidermal cell proliferation and epidermal G1 chalone, *B* 1235.
- Large scale purification of hepatitis B surface antigen using affinity chromatography, *B* 414.
- Larus argentatus*, v. Electrical activity.
- Laspeyresia pomonella*, v. Feeding behaviour.
- Latex feeding; accumulation of 2- μ m latex particles in mouse Peyer's patches during chronic latex feeding, *B* 120.
- Lawsonia inermis*, v. Fungitoxic principle.
- Laxatives; is the effect of diphenolic laxatives mediated via release of prostaglandin E, *B* 386.
- Learning; interaction of genotype and learning in the food preference of the flour beetle *Tribolium castaneum*, *B* 329.
- ; step-up avoidance: A new paradigm for studying passive avoidance learning, *B* 900.
- ; task-dependent effects of posttrial reinforcing or subreinforcing stimulation of the substantia nigra on avoidance learning, *B* 903.
- ; temperature acclimation and learning in fish, *B* 70.
- Lecithin-cholesterol acyltransferase activity in carbohydrate-induced hypertriglyceridemia in mice, an immunofluorescent method for identification of isolated thyrotropic cells, *B* 304.
- Lectin; the lectin from *Viscum album* L. purification by biospecific affinity chromatography, *B* 123.
- Lectin receptors; location of lectin receptors on rat hepatocytes by transmission and scanning electron microscopy, *B* 274.
- ; new lectin receptors in carcinoembryonic antigen (CEA), *B* 255.
- Lectins, v. Leucocytes.
- Leishmania enriettii*; intracellular behaviour of *Leishmania enriettii* within murine macrophages, *B* 598.
- Lens; isolation of filaments of chick lens, *B* 352.
- Lens, vertebrate, v. Chain-proteins.
- Leprosy; an approach for the in vitro screening of drugs for activity against leprosy, *B* 1322.
- Leucine incorporation; daily variations of the in vivo (3 H) leucine incorporation into the cerebellar and cerebral proteins of the normal and hypothyroid young rat, *B* 264.
- ; v. Liver slices.
- Leukemic cell line, v. *P* 388.
- Leukemic cells, v. Erythrocytes.
- Leukemogenesis, v. DNA.
- Leukocytes; binding of fluoresceinated lectins to normal and dinitrofluorobenzene treated human leukocytes, *B* 1349.
- ; the peritoneal leukocytes of the germ free mouse, *B* 1638.
- ; v. Trayloll.
- Levan; suppression of humoral immune response in mice by administration of high molecular levan, *B* 1362.
- LH-RH antagonist; effect of an LH-RH antagonist on reproductive status of immature female rats, *B* 813.
- LiCl, v. Aversion.
- Light; a method for the measurement of transmitted and reflected light from the same biological sample, *B* 1382.
- Light measuring, v. Light.
- Limb regeneration, v. Amputation.
- Limnodystes*, v. Cytotaxonomy.
- Limulus* reaction, v. Dithiols.
- Lilium longiflorum*, v. Voltage variation.
- Lipase; activators of serum lipoprotein lipase in alloxan diabetic rats, *B* 1429.
- Lipid accumulation, v. Morphine exposure.
- Lipid composition of *Microsporum gypseum*, *B* 432.
- Lipid peroxidation; mechanism of lipid peroxidation, iron catalyzed decomposition of fatty acid hydroperoxidases as the basis of hydrocarbon evolution in vivo, *B* 775.
- ; v. Brain.
- ; v. Superoxide dismutase activity.
- Lipid yolk; endogenous synthesis of lipid yolk in mosquito oocytes, *B* 627.
- Lipids; possible regulation of membrane associated cyclic AMP phosphodiesterase in rat cerebral cortex by lipids, *B* 1139.
- Lipofuscin accumulation, v. Gestation.
- Lipogenesis; effect of a 500 g carbohydrate load upon glycogen synthesis and lipogenesis in man, *B* 895.
- ; v. Ethanol.
- Lipolysis; evidence for a cAMP-independent stimulation of lipolysis in rat adipose tissue (AT), *B* 920.
- ; increased sensitivity to epinephrine (epi) of lipolysis and of the adenylate cyclase protein kinase (PK) system in diabetic rat adipose tissue (AT) and fat cells (FC), *B* 921.
- ; modification of theophylline induced lipolysis in human fat cells after trypsinization, *B* 161.
- Lipolytic activity, v. Vitamin C deficiency.
- Lipopolysaccharide, v. Technetium 99.
- ; v. Thymocytes.
- Lipopolysaccharides, v. Complements.
- Lipoprotein; effect of low density lipoprotein and high density lipoprotein on sodium dodecyl sulphate precipitation of very low density lipoprotein from human serum, *B* 1470.
- ; effect of low density lipoprotein on proteoglycan synthesis by aorta cells in culture, *B* 179.
- ; v. Antibody.
- Lipoproteins; lipoprotein lipase activator deficiency in very low density lipoproteins in rat nephrotic syndrome, *B* 1044.
- Liposomes, v. Actin.
- Lissorhoptrus oryzophilus*, v. Chromosome study.
- Lisuride and LSD decrease spontaneous firing of neurons in the raphe, *B* 926.
- Lithium; interaction between delta-6-tetrahydrocannabinol (delta-6-THC) and lithium at the blood brain barrier in rats, *B* 629.
- Littorina littorea*, v. Sugars.
- Liver; acid and alkaline phosphatase heterogeneity in liver, heart and intestine of the adult chick, *B* 983.
- ; a study of the cytoplasmic factors controlling the rate of catalase synthesis in rat liver, *B* 24.
- ; cysteine oxidase and cysteine sulfinic acid decarboxylase in developing rat liver, *B* 981.
- ; differential scanning calorimetry of rat liver mitochondria, *B* 717.
- ; effect of actinomycin D or puromycin on microsomal testosterone hydroxylase activity enhanced by testosterone in female rat liver, *B* 1375.
- ; effect of urethane and pentobarbital anaesthesia and hepatic portal vein catheterization on liver blood flow in the rat, *B* 1061.
- ; enzymatic synthesis of trisialoganglioside by particulate fractions of rat liver, *B* 571.
- ; HCO₃ATPase activity distribution in rat liver cell fractions prepared by zonal centrifugation, *B* 731.
- ; nucleotide metabolism in the rat liver following whole-body X-irradiation, *B* 32.
- ; purification of acidic Z protein from human liver, *B* 1265.
- ; retrograde lymphatic spread of colonic carcinoma to the liver, *B* 768.
- ; v. ATP.
- ; v. Biotin.
- ; v. Hydrocortisone.
- ; v. PVC.
- Liver arginase, v. Urea.
- Liver glycogen; effect of acute administration of triiodothyronine in chicken. Liver glycogen depletion and amino acid incorporation to proteins, *B* 1099.
- Liver metabolism; seasonal variations in liver metabolism of the green frog *Rana esculenta*, *B* 456.
- Liver mitochondria; essential fatty acids (EFA) deficiency and liver mitochondria, *B* 1540.
- Liver nucleolus, v. Estrogen.
- Liver slices; effect of sodium octanoate on leucine incorporation into protein of rat liver slices and of *Yoshida ascites* hepatoma cells, *B* 232.
- Localization of sound producing animals using the arrival time differences of their signals at an array of microphones, *B* 676.
- Locomotion; fictive locomotion in curarized high spinal cats elicited with 4-aminopyridine and DOPA, *B* 904.
- Locomotor activity, v. Phase response curve.
- Locusta migratoria* L., v. Synaptic vesicles.
- Lorazepam, v. Amnesic.
- LSD; induced chlorophyll mutations in barley, *B* 1437.
- ; mutagenicity testing of 3 hallucinogens LSD, psilocybin and Δ -THC using the micronucleus test, *B* 324.
- ; v. Lisuride.
- d-LSD, v. Brain.
- d-LSD binding; demonstration of an in vivo d-LSD binding method, *B* 926.
- Lung, v. Silica.
- Lung carcinoma, v. Tyrosinase.
- Luteinizing hormone, v. Glycine.
- Luteolysis; the attenuation of prostaglandin induced luteolysis in decidual tissuebearing pseudopregnant rats, *B* 131.
- Lygodium japonicum*, v. Anthridiogen.
- Lymnaea tomentosa*, v. *Chaetogaster limnaei*.
- Lymphatic spread, v. Liver.
- Lymphocyte production, v. Bone marrow.
- Lymphocyte response; modification of lymphocyte response to phytomitogens by polycations and polyanions, *B* 1224.
- Lymphocyte subpopulations; identification of lymphocyte subpopulations by simultaneous E-rosette formation and unspecific acid esterase staining, *B* 660.

- Lymphocytes; a rapid method for measuring the phospholipid synthetic activity of incubated lymphocytes, *B* 1311.
- ; chemical synthesis of a hexadecapeptide segment of ubiquitin that activates adenylate cyclase and induces lymphocytes to differentiate, *B* 703.
- ; evidence for in vivo protection against a rat sarcoma by allogeneic spleen lymphocytes, *B* 1366.
- ; kinetics of division in PHA stimulated pig lymphocytes, *B* 30.
- ; radiation protection of bone marrow lymphocytes by 2 mercaptopropionylglycine (MPG), *B* 1627.
- ; the environment in which lymphocytes differentiate influences their ability to cooperate in vivo, *B* 806.
- ; tubuloreticular structures in chicken bursa fabricii lymphocytes, *B* 1218.
- ; v. Proteases.
- ; v. Somatostatin.
- Lymphoid cell population, v. Cholesterol.
- Lymphoid regeneration, v. Thymus.
- Lysine acetylsalicylate, v. Autophagy.
- Lysine estimation with the modified udy-dye binding method in hexyploid, *B* 711.
- Lysolecithin, v. Serotonin.
- Lysosomal acid hydrolases of normal adipose tissues of man, monkey and rat, *B* 825.
- Lysosomes; in vitro studies on lysosomes radiosensitivity in different gaseous atmospheres, *B* 1453.
- Lysozyme, v. Sarcoidosis.
- Lysozyme levels in tissues of iron deficient rats, *B* 367.
- Lytechinus variegatus*, v. Satellite DNA.
- M-line, v. Muscle.
- Macaca mulatta*, v. Calcitonin.
- Macroglobulin; isolation of a novel plasma macroglobulin affinity chromatography on sepharose-IgG, *B* 905.
- Macrophages; activation of macrophages by soluble factors II, *B* 935.
- ; v. *Leishmania enriettii*.
- ; v. Phagocytic activity.
- Magnetic fields, v. Meiosis.
- Male recombination, v. Feeding.
- Male recombination factor 31.1.MRF; progressive resistance against the male recombination factor 31.1 MRF acquired by *Drosophila melanogaster*, *B* 1000.
- Malignant disease; vascular permeability in malignant disease, *B* 404.
- Malignant transformation; evidence for possible emergence of immunochemically distinct nucleotide-peptides in malignant transformation, *B* 254.
- Mammary epithelial cells; binding of rabbit secretory component to dispersed mammary epithelial cells and dimeric immunoglobulin, *B* 913.
- Mammary tumor; mammatropic and somatotropic pituitary cells in spontaneous mammary tumor bearing C3H female mice, a quantitative electron microscope study, *B* 98.
- Mandibular glands, v. Sex pheromone.
- Mango fruit rot; a hemocopathic drug controls mango fruit rot caused by *Pestalotia mangiferae* Henn., *B* 1167.
- Masticatory apparatus; environmental and racial influences on the masticatory apparatus of mediterranean and atlantic populations of *Ophryotrocha labronica*, *B* 1565.
- Mating; repeated mating by female *Drosophila melanogaster*, the adaptive importance, *B* 449.
- Mating instinct; the lateral neurosecretory cells and mating instinct in male *Dysdercus koenigii*, *B* 53.
- Meiosis; influence of high magnetic fields on meiosis, *B* 42.
- Meiotic maturation, v. Acid release.
- Melanocytes, v. Scrotal skin.
- Melanoma; in vitro effects of melanocytolytic agents and other compounds upon dominant human melanoma tyrosinase activity, *B* 21.
- Melanoma cells; effect of sodium butyrate in combination with prostaglandin E and inhibitors of cyclic nucleotide phosphodiesterase on human amelanotic melanoma cells in culture, *B* 1575.
- Melanophore responses; the estimation of melanophore responses in a pleuronectid fish, *B* 140.
- Melanophores; pigment granules in choroidal melanophores of the albino goldfish, *B* 1066.
- Melanosome-like granules, v. Erythrophores.
- Melatonin; exogenous melatonin and melanophore development in *Xenopus*, *B* 1521.
- Membrane; penetration of cell membrane by the piezoelectric driver, *B* 1387.
- Membrane interiorization, v. Phagocytosing macrophages.
- Membrane potential, v. ATP.
- Membrane vesicles; extraction of peripheral proteins from intestinal brush border membrane vesicles, *B* 906.
- Membranes; altered microviscosity of in vivo lipid-manipulated membranes in *Tetrahymena pyriformis*, a fluorescence study, *B* 586.
- Magnesium, v. Neuron.
- Memory transfer; is chemical memory transfer due to shock or behavior training, *B* 854.
- P-Menthane; a p-menthane derivative isolated from culture filtrates of *Fusicoccum amygdali* Del., *B* 289.
- 2-Mercaptopropionylglycine, v. Gamma rays.
- Mercaptopropionylglycine, v. Lymphocytes.
- Meriones hurriane*, v. Borax.
- Meristematic cells, v. Vinblastine.
- Mesocricetus auratus*, v. Aneuploidy.
- ; v. Hypothermia.
- ; v. Nervous system.
- Mesoderm; an experimental study on the relative distribution of the somitic and somatic plate mesoderm to the abdominal wall of avian embryos, *B* 241.
- Metabolism; progress in screening for inborn errors of metabolism, *A* 143.
- Metallothioneins; cadmium-113FT NMR-spectra of rabbit liver metallothioneins, *B* 1449.
- Methadone; the metabolism of methadone by cultured mammalian cells, *B* 217.
- dl Methadone, v. Morphine.
- Methallibure; the effect of methallibure (I.C.I. 33,828) on the steroidogenesis in the ovary and testis of a fresh water teleost *Cyprinus carpio*, *B* 811.
- Methemoglobin reduction, v. Selenium.
- Methicillin resistance does not influence survival of *Staphylococcus aureus* in an in vitro phagocytic assay, *B* 1661.
- (d-Ala) Methionine enkephalin, v. Brain.
- Methoprene, v. Sterilising activity.
- 3-Methyl-p-dimethylaminoazobenzene, v. Hepatoma induction.
- Methylating capacity, v. Pineal gland.
- 20-Methylcholanthrene, v. RNA.
- Methylene diphosphonate, v. Tc.
- Methylmercury sexual dimorphism in the mouse, *B* 871.
- Mexamine; the influence of simultaneously administered mexamine on the distribution of cystamine, *B* 870.
- Mianserine, v. Yohimbine.
- Microcirculation; an anatomical study of the microcirculation in the rabbit femur, *B* 1101.
- Micrococcal nuclease; mechanism of action of micrococcal nuclease on SV40 DNA and SV40 chromatin, *B* 932.
- Microfiltration; a simple microfiltration device for binding studies, *B* 925.
- Microphonics; endolymphatic leakage in case of acute loss of cochlear microphonics, *B* 363.
- Microseridinae, v. Gene numbers.
- Microsomal enzyme, v. Cholesterol synthesis.
- Microsomal vesicles; fusion of microsomal vesicles, *B* 338.
- Microsporium cookei*, v. Pigments.
- Microsporium gypseum*, v. Lipid composition.
- Microtubules, interkinetic nuclear migration and neurulation, *A* 289.
- Migration and morphological changes induced in normal cells treated with purified extracts of conditioned medium from a transformed cell line, *B* 958.
- Migration of lymphoid cells to the bone marrow of rat following eradication of cells in DNA synthesis and in mitosis, *B* 1369.
- Migration factors; separation of 2 migration factors from tumour cell line, *B* 945.
- Migratory habits; endogenous control as a possible basis for varying migratory habits in different bird populations, *B* 1451.
- Mineral waters; bacteriology of mineral waters, influence of PVC on the growth of *Pseudomonas aeruginosa* and *Pseudomonas fluorescens*, *B* 1665.
- Mineralizing collagen-rich system, v. Alkaline phosphatase.
- Minichromosome; isolation of a minichromosome containing the ribosomal genes from *Physarum polycephalum*, *B* 955.
- Mitochondria; depression by ethionine of phosphorylating oxidation in hepatic mitochondria, *B* 578.
- ; striated inclusions and defective mitochondria in the restricted form of the amyelial mutant of *Neurospora crassa*, *B* 840.
- ; v. Adrenal medulla.
- ; v. Glutaminase activity.
- ; v. Liver.
- ; v. Skeletal muscle.

- Mitochondrial swelling, v. Glutaminase activation.
- Mitogenicity of autolysates of *Trypanosoma congolense*, B 127.
- Mitomycin, v. Spermatocyte selection.
- Mitosis rhythm, v. Disaccharidase rhythm.
- Molgula manhattensis*, v. Homarine.
- Molliorin-c, a further pyrroloterpene present in the sponge *Cacospongia mollior*, B 300.
- Moloney sarcoma virus; effect of non-steroidal anti-inflammatory drugs on moloney sarcoma virus inoculated mice, B 1615.
- Monoamine; distribution of monoamine oxidase in hippocampal region of the cat, B 424.
- Monoamine depletion, v. Brain.
- Monoamine oxidase activity in tissues of spontaneously hypertensive rats, B 1060.
- Monoamine turnover; lisuride-induced mounting behaviour and changes in cerebral monoamine turnover in the rat depend on the route of drug administration, B 926.
- Monoamines; a response to monoamines in *Peripatopsis moseleyi*, B 1576.
- ; the presence of monoamines in the nervous system of *Peripatopsis*, B 1577.
- Monosaccharides; release of monosaccharides from *Candida albicans* compared to human serum glycoconjugates, B 912.
- 8-MOP; zytogenetische Untersuchungen an der Chinesischen-Hamster-Zelllinie 19/1 nach Kombinationsbehandlung mit 8-MOP und UV-A, B 948.
- (MOPEG-SO₄), v. Yohimbine.
- Morphine; effects of dL methadone and morphine on developing chick embryo, B 1617.
- ; improvement of retention by posttrial morphine, B 902.
- ; influence of sex hormones on oral consumption of tolerance to and dependence on morphine under crowded and uncrowded housing conditions in the rat, B 922.
- ; v. Enkephalin.
- Morphine exposure; lipid accumulation in mouse hepatocytes after morphine exposure, B 773.
- Morphological diversity, v. *Alitcola lemminus*.
- Mosaicism; occurrence of a new type of mosaicism in *Apis mellifera*, B 31.
- Mosquito oocytes, v. Lipid yolk.
- Mossy fibres endings, v. Synaptic vesicles.
- Motilin levels; plasma motilin levels in duodenal ulcer and effect of a truncal vagotomy and hypoglycaemia, B 809.
- Motilities of isolated and aggregated mice, a difference in ultradian rhythmicity, B 1302.
- Motility, v. Urinary tract.
- Motor cortex; neuronal population related to force in motor cortex of awake monkeys, B 899.
- ; projections of the monkey precentral motor cortex to the mid-brain, B 898.
- Motor nerve terminal, v. Tenotomy.
- Mouse chimera; observations on a nu/nu⁺ +/+ mouse chimera, B 936.
- Mouse jumping, v. Dopaminergic stimulation.
- Moxnidazole; mammalian spot test with moxnidazole a 5-nitroimidazole, B 500.
- MSH; biological activity of synthetic dogfish α -MSH, B 938.
- Mucopolysaccharides, v. Brain development.
- Multilure, v. Aggregation pheromone.
- Murine macrophages; macromolecular 35S-labeled secretion product of murine macrophages, B 958.
- Mus musculus*, v. Hybridization.
- ; v. Lactate dehydrogenase.
- Mus spretus*, v. Hybridization.
- Musca domestica*, v. Necrophagy.
- Muscimol; the action of muscimol on neurones of the substantia nigra of the rat, B 235.
- ; v. GABA receptor.
- Muscle; alkaline phosphatase activity in normal and denervated skeletal muscle, B 1206.
- ; Ca-electrogenesis in mealworm muscle a voltage clamp study, B 1606.
- ; calcium transients in a molluscan smooth muscle, B 1469.
- ; changes in cholinesterase activity of muscle after crushing the sciatic nerve of rats, B 750.
- ; effects of disuse and nerve stump length on the development of fibrillation in denervated soleus muscle, B 1582.
- ; histochemical fibre types in striated muscle from the guinea pig oesophagus, B 1632.
- ; M-line in chicken muscle, B 911.
- ; unusual high volume of sarcoplasmic reticulum in a wasp leg muscle, B 796.
- ; the density and chemical composition of fish muscle, B 1263.
- ; v. Electrical excitability.
- ; v. Proteolysis.
- Muscle cells; are intermediate filaments of vertebrate smooth muscle cells and tonofilaments of epithelial cells identical cell structures, B 649.
- ; the developmental potential in culture of muscle cells homozygous for motor end plate disease, B 935.
- ; v. Aortic valve.
- Muscle damage, v. Calcium.
- Muscle fibres; evidence for cross bridge slippage in stretched muscle fibres, B 1183.
- Muscle function; streptostyly and muscle function in lizards, B 776.
- Muscle glycogens, v. Muscle.
- Muscle potentials; olfactory-induced muscle potentials in *Dendroctonus frontalis*, effects of trans-verbenol and verbenone, B 463.
- Muscle proteins, v. Myofibrils.
- Muscle specific structural differences in piscine muscle glycogens, B 832.
- Muscle, skeletal, v. Glutaminase activity.
- Muscle units; correlation of histochemical and physiological properties of muscle units in the striped skunk, B 372.
- Muscles; difference in the sensitivity to Ca ion among glycerinated skeletal, cardiac and smooth muscles, B 362.
- ; differentiation in vitro of larval and adult muscles from embryonic cells of *Drosophila*, B 938.
- ; effects of the spinal cord section and of subsequent denervation on the mechanical properties of fast and slow muscles, B 55.
- ; spirally arranged muscles associated with tracheoles in tsetse fly flight muscles; their possible involvement in sound production, B 587.
- ; v. Electrical activity.
- Mutagenic substances; the toxic effects of certain mutagenic substances on three species of acridids, B 1623.
- Mutarotase; multiple forms of human kidney mutarotase, B 563.
- Mycobacterium phlei*, v. Tween 80.
- Mycoplasma membranes, v. Surface carbohydrate.
- Myelin fragments; butanol extracts from myelin fragments, IV. Some interactions between 5 hydroxytryptamine and other neurotransmitters binding, B 1628.
- ; v. Butanol extracts.
- Myelin isolation of aggregating brain cultures, B 915.
- Myelination, v. Alcohol, mice.
- Myocardia; elapid toxins have no effect on the cholinergic responses of bivalve myocardia, B 1608.
- Myocardial injury, v. Heart cells.
- Myocardium, v. Nerve terminals.
- Myocytes; effect of dibutyl cyclic AMP and analogs on the rate of contractions of myocytes in culture, B 1282.
- Myofibrils; comparison of the localization of several muscle proteins in relaxed and contracted myofibrils, B 38.
- Myogenic cell lines, v. Creatine kinase.
- Myogenic cells; fusion and differentiation of chick myogenic cells in suspension, B 952.
- Myosin; anti myosin stains chromaffin cells, B 1568.
- ; metal binding to myosin and to myosin DTNB-light chain, B 575.
- Myosin light chains; homology between myosin light chains and invertebrate sarcoplasmic Ca-binding proteins, B 920.
- Myotomes; on the formation of the myotomes in avian embryos. An experimental and scanning electron microscope study, B 514.
- Myotonia; Clofibrate induced myotonia in the rat, B 1607.
- Mytilus edulis*; distribution of radioactivity after administration of H-5-hydroxytryptamine by three different routes to the mussel *Mytilus edulis*, B 749.
- ; v. Serotonin.
- N-acetyl-L-aspartic acid, v. Stellate ganglion.
- N-acetyl-neuraminic acid, v. Calcium ions.
- N-acetyltransferase activity; daily change in pineal N-acetyltransferase activity in a diurnal mammal, the ground squirrel, B 1523.
- N-aryl-N-glycolyl hydroxamic acids, v. Nitrosoaromatics.
- N-methyl-N-nitrosourea, v. Neoplasms.
- Na⁺; difference in nuclear Na⁺ and K⁺ between 2 developmental stages of *Chironomus tentans*, B 945.
- ; v. Diamide.
- ; v. GABA.
- ; v. Gills.
- Na⁺-K⁺, v. Rectum.
- Na³-K³-ATPase, v. Brain.
- Na⁺ + K⁺-ATPase activity, v. cAMP.
- Na⁺ pump, v. Adrenaline.
- NaCl, v. Aversion.

- Naloxone; behavioural effects of naloxone in rats, *B* 771.
- Naloxone and intestinal motility, *B* 1310.
- Naphthoquinone derivatives from the fungus *Hendersonula toruloides*, *B* 1257.
- Naphthaquinone pigments, v. Wound healing.
- Naphthoquinones in defensive secretion of an opilionid, *B* 969.
- Narciclasine, an inhibitor of protein synthesis. Action on *Allium cepa* L. root meristems, *B* 1455.
- Navane; chemical and photooxidation of thiothixene (Navane) structure of the thiothixene fluorophor, *B* 1062.
- (NCA 2), v. Neurohaemal structure.
- Necrophagy; larval necrophagy and photopigment phenocopying in *Musca domestica*, *B* 836.
- Neobonellin, a new biologically active pigment from *Bonellia viridis*, *B* 1427.
- Neoplasms; genetic basis of susceptibility for development of neoplasms following treatment with N-methyl-N-nitrosourea (MNU) or X-rays in the platyfish/swordtail system, *B* 780.
- Neoplastic mammary epithelial cells, v. Serum responsiveness.
- Nephrotic syndrome, v. Lipoproteins.
- Nerve; water compartments in the myelinated nerve II. Pulsed NMR results, *B* 1443.
- Nerve cord, v. Prothoracic glands.
- Nerve fibres, v. Cornea.
- Nerve growth factor, correlation between bio- and radioimmunoassay, *B* 932.
- Nerve-muscle contacts; on the ultrastructure of nerve-muscle contacts in *Onychophora*, *B* 779.
- Nerve-muscle preparation, v. Synaptic vesicle.
- Nerve terminals; types of nerve terminals in fetal and neonatal rabbit myocardium, *B* 655.
- Nerves, v. Functional recovery.
- Nerves and taste-buds degeneration in the cat-fish *Ictalurus melas*, *B* 1072.
- Nervi corporis allati 2, v. Neurohaemal structure.
- Nervous activity, v. Acetylcholine.
- Nervous apparatus, v. Vagotomy.
- Nervous system; oxidative activity during the sexual cycle of the central nervous system adrenal glands and ovaries in the hamster (*Mesocricetus auratus*), *B* 190.
- , v. Monoamines.
- , v. Octopamine.
- Nervous tissue; autoradiographic localization of the uptake of H- β -alanine in rat nervous tissue cultures, *B* 1519.
- Nervous tissue explants, v. Amniocentesis.
- Neural tube closure, v. Ionophore A 23187.
- Neuraminidase; alteration of cell shape in the early chick embryo mesoderm by neuraminidase, *B* 243.
- Neuroactive compounds, v. Teratogenesis.
- Neuroblastoma; electronmicroscopic identification of type C particles in cultured murine neuroblastoma, *B* 879.
- , subcellular localization of noradrenaline and ATP in C₁₃₀₀ mouse neuroblastoma, *B* 1210.
- Neurohaemal structure; dilation of nervi corporis allati 2 (NCA2) - a neurohaemal structure in *Chrysocoris stollii*, *B* 186.
- Neuroleptic receptors, v. Antiparkinsonian drug doses.
- Neuromembrane; current(I) voltage(V) relationships of the neuromembrane of an identifiable giant neurone of an African giant snail (*Achatina fulica* Férussac) in the presence of an inhibitory tripeptide L-Lys-L-Phe-L-Tyr, *B* 1052.
- Neuromuscular junction blocking agents: An initial screening bioassay, *B* 821.
- Neuromuscular junctions; rapid gating of synaptic channels in ectopic neuromuscular junctions, *B* 896.
- Neuron; unequal distribution of calcium and magnesium of snail neuron, *B* 1299.
- Neurons; GABAergic inhibition of neurons in the ventral tegmental area, *B* 73.
- , v. Glutamic acid.
- , v. Muscimol.
- , radioautographic identification of serotonergic neurons in *Aplysia*, *B* 1038.
- , size alterations of hypothalamic neurons in the genetically obese mouse (ob/ob), *B* 895.
- , v. GABA.
- Neuropathy, v. Adhesive (glues).
- Neurophysin, v. Pineal gland.
- Neurospora, v. DNA sequence.
- Neurospora crassa*, v. Mitochondria.
- , v. Transcription.
- , structure and function of a copper-metallothionein from *Neurospora crassa*, *B* 905.
- Neurotransmitters, v. Brain.
- , v. Retinal cells.
- Neurotransmitters binding, v. Myelin fragments.
- Neurulation, v. Microtubules.
- Neutrophil granulocytes, v. L-DOPA.
- Neutrophilia; dexamethasone-induced neutrophilia. Negative correlation with increased plasma adrenaline concentrations, *B* 259.
- Neutrophils, v. Antiviral immunity.
- Newcastle disease virus, v. Hydrocortisone.
- NH₄⁺, v. Gills.
- Nicomache maculata*, v. Notozetiae.
- Nicotine; endothelial injury by nicotine and its prevention, *B* 1585.
- , tolerance and cross-tolerance to the effects of nicotine and amphetamine on food intake and body weight, *B* 923.
- NIH shift; the metabolism of dibenz(b,f)-1,4-oxazepine (CR) in vivo hydroxylation of 10,11-dihydrodibenz(b,f)-1,4-oxazepin-11-(10H)-one and the NIH shift, *B* 698.
- Nitrililides, v. Aminopeptidases.
- X-Y-p-Nitroanilides, v. X-prolyl dipeptidylaminopeptidase.
- Nitrogen; paradoxical hyperexcretion of nitrogen in hyperinsulinemic rats, *B* 912.
- Nitroglycerin, v. Blood.
- Nitrosoaromatics; synthesis of N-aryl-N-glycolyl hydroxamic acids, nonmicrosomal metabolites of nitrosoaromatics, *B* 1125.
- Nitrosocompounds, v. Supercontraction.
- 31P-NMR study on nucleotides and intracellular pH of hereditary spherocytes, *B* 1092.
- Non alkylating sterilant compounds, v. Sterilant compounds.
- Nonhydrophobic interaction, v. D-Lactate dehydrogenase.
- Noradrenaline; changes in cellular noradrenaline fluorescence in the denervated rat superior cervical ganglion, *B* 1077.
- , effects of thyroid state on brain stem responses to iontophoretic noradrenaline, *B* 1527.
- , the level of noradrenaline in terminals and varicosities after the ligation performed in the sympathetic ground plexus, *B* 403.
- , v. Adrenaline.
- , v. Dopamine.
- , v. Neuroblastoma.
- , v. Vasomotor escape.
- , v. Serotonin.
- Noradrenaline release; inhibition of noradrenaline release from sympathetic nerves by pentobarbital, *B* 382.
- Noradrenergic neurons; selective activation of noradrenergic neurons in the brainstem and spinal cord of young spontaneously hypertensive rats, *B* 1042.
- Noradrenergic pathway; activation of an inhibitory noradrenergic pathway projecting from the locus coeruleus to the cingulate cortex, *B* 927.
- Norepinephrine, v. Infarction dysrhythmias.
- Norepinephrine as principal catecholamine in a specific neurone of an invertebrate *Boophilus microplus*, *B* 1173.
- H-Norepinephrine uptake, v. Cocaine.
- Norlobarol; the identification of norlobarol, a new lichen constituent from *Xanthoparmelia scabrosa*, *B* 970.
- Nostoc muscorum*, v. Virus N-1 resistant mutant.
- Notochord, v. Germ cells.
- Notozetiae; the ultrastructure of the spiral notosetae of *Nicomache maculata* Arwidsson, *B* 460.
- Nuclear lamellae in the germ-line cells of gall midges, *B* 777.
- Nuclear pores, can they expand and contract to regulate nucleocytoplasmic exchange, *B* 1007.
- Nucleic acid binding, v. Tumor.
- Nucleolus; differences of the nucleolus in 2 species of *Amyclina*, *B* 1284.
- Nucleoside analogs; selective killing of dividing plant cells in culture using nucleoside analogs, *B* 958.
- Nucleoside phosphotransferase; partial purification and some properties of a nucleoside phosphotransferase of chick embryos, *B* 1268.
- Nucleosomes; electron microscopic observation of nucleosomes in ultrathin sections of heparin treated nuclei, *B* 882.
- Nucleotide accumulation, v. Ionic effects.
- Nucleotide metabolism, v. Liver.
- Nucleotide peptides, v. Malignant transformation.
- Nucleotide phosphodiesterase, v. Melanoma cells.
- Nucleotide sequences at the ends of phage Mu DNA, *B* 932.
- Nucleus; large scale isoelectric focusing analysis of the non-histone proteins of the nucleus, isolation of components with alkanine isoelectric points, *B* 430.
- Nucleus accumbens, v. Substantia nigra.
- Nucleus reticularis, v. Brain.
- Nutritional state, v. Age.

- O-acetyl-L-serine sulfhydrylase; localization of isoenzymes of O-acetyl-L-serine sulfhydrylase in *Spinacea oleracea* L., B 939.
- O-chlorobenzylidene malononitrile, v. Stress.
- O₂, v. CO₂-tension.
- O₂-consumption, v. Winkler method.
- Obesity; control of obesity in A^y/a mice by 5 α -androstan-17-one, B 1542.
- Ocelli; electrophysiological investigations on the ocelli of the honeybee, B 900.
- Octopamine; in vitro biosynthesis of octopamine by the nervous system and the heart of the mollusc gastropod *Helix pomatia*, B 1261.
- Ocular involvement, v. T-cell line.
- Odor receptor; spider odor receptor: Electrophysiological proof, B 754.
- Oedipoda coerulescens* L., v. Reserpine.
- Oesophagus, v. Muscle.
- Oestradiol receptor; purification of the cytosol oestradiol-receptor complex from foetal guinea-pig uterus using electrofocusing on polyacrylamide plates, B 268.
- Oestrogen; effects of oestrogen and progesterone on rat pineal N-acetyl transferase activity and melatonin production, B 667.
- Oestrogens; biological activities and receptor affinities of some natural and synthetic oestrogens and their D homo analogues, B 1373.
- Oil of nutmeg, v. Sleep.
- Olfactory nerve; optical properties of birefringence- and transmission spike in the olfactory nerve of pike, B 903.
- Olfactory sensitivity in *Aulacophora foveicollis* Lucas in relation to its host plant, B 1029.
- Oligospermic patients, v. Folic acid levels.
- Omental graft, v. Brain.
- Oncopeltus fasciatus*, v. Precocene.
- Oncornavirus-like particles, v. P 388.
- Oocyte nuclei; appendages of the oocyte nuclei in the gall midge *Heteropeza pygmaea*, B 1641.
- Oocytes; mass isolation of germinal vesicles and nucleoli from vitellogenic oocytes of *Xenopus laevis*, B 936.
- , nuclear development of growing murine oocytes in vitro, B 961.
- , variations in the amount of polysomes in mature oocytes of *Drosophila melanogaster*, B 948.
- Ophryotrocha labronica*, v. Masticatory apparatus.
- Opossum*; virus-like particles in the *Opossum* submandibular gland, B 405.
- Optic gland, v. Ferritin.
- Organ baths; a simple system of multiple organ baths, B 550.
- Organelle; concerning the concept 'organelle', B 547.
- Organic compounds, v. Cytostatic.
- Organic ions, v. Efflux.
- Orientation of *Papilio demoleus* larvae to coloured solutions, B 35.
- Ornithine decarboxylase (ODC) induction: A characteristic biochemical response of target cells to nerve growth factor (NGF), B 951.
- Orotic acid, v. Alloxan.
- Osteomalacia; experimental production of local osteomalacia, B 1203.
- Ovary, v. Protein composition.
- Oviductal, v. Smooth muscle.
- Oviposition behaviour; chemical mediators in the oviposition behaviour of the house longhorn beetle, *Hylotrupes bajulus*, B 46.
- Oviposition rhythm of individual *Drosophila melanogaster*, B 65.
- Ovulation, v. AMP.
- Ovum transport; endotoxin-induced acceleration of ovum transport in rabbits, B 388.
- Oxidative activity, v. Nervous system.
- Oxonate; inhibition of adjuvant arthritis by oxonate, influence of uricemia, B 995.
- Oxotremorine; stereoselectivity of oxotremorine antagonists containing a chiral pyrrolidine group, B 1334.
- L-Oxprenolol, v. L-Propranolol.
- Oxygen consumption; kinetic of oxygen consumption during phagocytosis of leukocytes photometric method, B 914.
- Oxygen cuvette; the oxygen cuvette, a new concept for the measurement of the oxygen concentration in gases and fluids, B 920.
- Oxygen reactivity, v. Bilirubin.
- Oxytocin; affinity of 1,2-substituted oxytocin analogues to the uterus receptor, free-Wilson and Hansch analysis, B 1190.
- Oxytocin analogs effective as noncompetitive inhibitors in uterotonetic test, B 1543.
- Ozone; damage by ozone to the mechanical integrity of the protoplast plasmalemma, B 730.
- P 388; presence of oncornavirus-like particles in the P 388 murine leukemic cell line, B 659.
- Pacemaker system, v. Renal pelvis.
- PAI; positive after-image, PAI, early erasure by saccadic eye movement or jendrassik manoeuvre, B 71.
- Pancreas, v. Enzymes.
- Pancreatic function; effect of pancreatic duct ligation on exocrine pancreatic function and structure in the rabbit, B 77.
- Panstrongylus megistus*, v. Vesicular inclusions.
- Pantothenic acid deficiency, v. Phosphatases.
- Papain; effect of papain on experimental amyloidosis, B 524.
- Papilio demoleus* larvae, v. Orientation.
- Papulacandin; the inhibition of glucan synthesis in yeast proto-plasts by papulacandin, a glucose containing antibiotic, B 1667.
- Para octopamine, v. Hypothalamus.
- Parabiotic disease, v. Thymus.
- Paracetamol, v. Biliary excretion.
- Paraganglia; the endocrine nature of the paraganglia of man, B 111.
- Parapoxviruses; genetic heterogeneity among different isolated of parapoxviruses, B 1664.
- Parasympathetic ganglia, v. Bradykinin.
- Parathyroid extract; radioprotective effect of a protein free parathyroid extract, B 1356.
- Parathyroid hormone; bacterial substance similar to parathyroid hormone, B 1671.
- Parathyroidectomy, v. Colon.
- Parietal layer, v. Renal corpuscle.
- PbCl₂, v. Aversion.
- Pectinesterase from carrot (*Daucus carota*), B 561.
- Pectoralis muscle, v. Red fibres.
- Penicillium islandicum*, v. Cyclochlorotene.
- Penis artery; cholinergic and adrenergic innervation of the penis artery of the bull, transmitter concentrations and synaptic vesicles, B 1624.
- Pentagastrin, v. Cerebral cortex.
- Pentobarbital; effect of pentobarbital on the synaptosomal activity of acetylcholinesterase in mongolian gerbils, B 169.
- , v. Noradrenaline release.
- Pentobarbital anesthesia, v. Liver.
- Peptide alkaloids, v. Alkaloids.
- Pericanalicular ectoplasm; cytochemistry of pericanalicular ectoplasm in liver of rats following experimental cholestasis induced by phalloidin and Na-tauroolithocholate, B 946.
- Peripatopsis moseleyi*, v. Monoamines.
- Periplaneta americana*, v. Aminotransferase.
- , v. Corpora allata.
- , v. Salivary glands.
- Peritoneal fluid cytology; the peritoneal fluid cytology of adult female dogs, B 184.
- Permeability coefficients of the egg-case membrane of *Scyllorhinus canicula* L., B 1596.
- Permeability, placental, v. Corticosterone.
- Peroxidase; activation of the carcinogen N-hydroxy-2-acetylaminofluorene by rat mammary peroxidase, B 107.
- , afferent connections to the paraventricular nucleus studied by the retrograde transport of horseradish peroxidase, B 903.
- Perpendicular propagation; systematic experiments to establish the spatial distribution of physiologically effective stimuli of unidentified nature, B 889.
- Pestalotia mangiferae*, v. Mango fruit rot.
- PGE₂, v. Blood pressure.
- PGO waves; inhibition of reserpine induced PGO waves in the cat by ergot derivatives, B 637.
- pH; use of ³¹P NMR to measure pH of membrane enclosed solutions, B 1580.
- pH, v. Ion transport.
- pH, v. Ventricle strip.
- Phagocytic activity; effect of pretreatment with prednisolone on the phagocytic activity of mouse peritoneal macrophages in vitro, B 1503.
- Phagocytic activity of the reticuloendothelial system in the rat after administration of an anticholinesterase pesticide carbaryl, B 87.
- Phagocytosing macrophages; membrane interiorization by phagocytosing macrophages, an ultrastructural morphometric approach, B 1338.
- Phagocytosis, v. Oxygen consumption.
- Phalloidin; effect of phalloidin on isolated rat hepatocytes, a possible role of actin microfilaments in regulation of cell shape and triglyceride secretion, B 916.
- Phase response curve for the locomotor activity rhythm of the rat, B 1602.

- Phenotypic plasticity; inheritance of phenotypic plasticity in soft chess, *Bromus mollis*, B 835.
- Phenprocoumon; species-dependent stereospecific serum protein binding of the oral anticoagulant drug phenprocoumon, B 1323.
- Phenylbutazone, v. Bile flow.
- Phenylketonuric squirrels, v. Brain.
- Phenylthiocarbamide, v. Brain development.
- Pheromonal components; response of *Heliothis virescens* to pheromonal components and an inhibitor in olfactometers, B 153.
- Pheromone; a new alarm pheromone (2-decen 1-yl-acetate) isolated from the stings of *Apis dorsata* and *Apis florea*, B 423.
- Pheromones; lack of daily rhythm in the release of assembly pheromones by the tick *Amblyomma hebraeum*, B 478.
- Philosomia ricini*, v. Spinning.
- Phorbol ester, v. Tumour promotion.
- Phormia regina*, v. Taste hairs.
- Phosphatase activity; possible role of intestinal alkaline phosphatase activity in thiamine transport, B 18.
- ; purification of phosphatase activity of human erythrocytes, B 921.
- Phosphatases; effect of prenatal and neonatal pantothenic acid deficiency on rat intestinal phosphatases, B 435.
- Phosphate uptake; effect of dietary phosphate and parathyroid hormone (PTH) on phosphate uptake by isolated renal brush border membrane vesicles (BBMV), B 919.
- ; inorganic phosphate uptake in isolated rabbit ileum, B 897.
- Phosphatidylcholine vesicles; temperature dependent aggregation of bacteriorhodopsin in phosphatidylcholine vesicles, B 915.
- Phosphodiesterase, v. Brain.
- Phosphodiesterase activity, v. Sperine.
- Phosphodiesterases du cerveau; mode d'action d'analogues de l'AMP-cyclique sur les phosphodiesterases du cerveau, B 907.
- Phosphofructo-kinase activity in human autaptic brain, B 908.
- Phosphoinositide content, v. Hypertension.
- Phospholipid composition of *Dipylidium caninum*, B 1457.
- Phospholipid synthetic activity, v. Lymphocytes.
- Phospholipids; evidence for the metabolism of phospholipids and triacylglycerols in human *Ascaris lumbricoides*, B 1156.
- ; v. Cholesterol.
- ; v. Serotonin.
- Phosphorylase, v. Glycogen.
- Phosphorylase activity; circadian rhythmicity in phosphorylase activity and glycogen content in the heart muscle of the scorpion *Heterometrus fulvipes*, B 1184.
- Phosphorylating oxidation, v. Mitochondria.
- Phosphorylation of ribosomal protein S 6 during transition of resting fibroblasts into the cell cycle, B 941.
- Photoemitter; similar paracrystals of endoplasmic reticulum in the photoemitters and the photoreceptors of scale-worms, B 726.
- Photoperoid; effect of photoperoid on larval development and chromosomal puffing in *Chironomus*, B 743.
- Photoperiods, v. Adenohypophysis.
- Photopigment phenocopying, v. Necrophagy.
- Photoreceptor cells; fine structure of modified photoreceptor cells in the pineal of the goby, *Clevelandia ios*, B 507.
- Photoreceptors; saturation of the response to light in the ventral photoreceptors of *Limulus*, B 896.
- ; v. Photoemitter.
- C-Phycocyanin; the primary structure of C-phycocyanin, B 940.
- Physarum polycephalum*, V. Electromagnetic fields on *Physarum polycephalum*, mitotic delay in heterokaryons and decreased respiration, B 589.
- Phytomitogens, v. Lymphocyte response.
- Phytophthora infestans*, v. Embryos.
- Picrotoxin-diazepam interaction in a behavioural schedule of differential reinforcement of low rates, B 1621.
- Pieris brassicae*, v. Juvenile hormone analogues.
- ; v. Chromosomes.
- Pieris melete*, v. Scent substances.
- Piezoelectric driver, v. Membrane.
- Pigment cells; inhibition by strophanthidin of the uptake of potassium by pigment cells in the drone retina, B 903.
- Pigment granules, v. Melanophores.
- Pigment regeneration, v. Retina.
- Pigments; biochemical studies of pigments from a pathogenic fungus *Microsporium cookei* V. Evidence for the transmembrane permeability of xanthomagnin across phospholipid bilayer membranes, B 977.
- Pineal gland; estimation of the methylating capacity in the pineal gland of the rat with special reference to the methylation of N-acetylserotonin and 5-hydroxytryptophol separately, B 1434.
- ; evidence for in vitro release of neurophysin by rat pineal gland, B 1232.
- ; v. Indole metabolism.
- Pinelectomy, v. Estrogen.
- Pinus*; occurrence of foliar leaves on long shoots of *Pinus*, B 1168.
- Piperazine; effect of piperazine on central and peripheral cholinergic synapses of the frog, B 1046.
- Pisaura mirabilis*, v. Chlamydiales.
- Pituitary, v. AMP accumulation.
- ; v. cAMP levels.
- ; v. Testosterone.
- Pituitary cells, v. Mammary tumor.
- Pituitary gland; control of adenohypophysis by posterior lobe of the pituitary gland, B 895.
- ; v. Actin.
- Placenta, v. Development.
- Plant, v. Gangliosides.
- Plant regeneration; problems in plant regeneration from cultured cells of crop plants, B 959.
- Plasma membranes; the plasma membranes of the cellular slime mold *Polysphondylium pallidum*, B 942.
- Plasma membranes of *Candida tropicalis* involved in the oxidation of n-alkanes, B 918.
- Plasma space, v. Eddy flow.
- Plasmalemma, v. Ozone.
- Plasmid; the bacteriophage P1 plasmid can serve as a trap for transposing host insertion elements, B 1660.
- Plasmids, v. Restriction enzymes.
- Plasminogen activator; subcellular localization of plasminogen activator in human neutrophils, B 934.
- ; v. Cycloheximide.
- Plastids; sieve element plastids in bamboo, B 1015.
- Platelet aggregating; destruction of the platelet aggregating activity of ristocetin, B 532.
- Platelet aggregation following electrical stimulation, B 661.
- Platelets; inhibitory effect of tiaramide on ADP-induced aggregation in rabbit platelets, B 1063.
- ; v. 5-Hydroxytryptamine storage.
- Plating efficiencies, v. Insect cells.
- Pleraphysilla spinifera*, v. Spiniferins.
- Pleurobranchia bachei*, v. Protein digestion.
- Pleurodeles waltlii*, v. Hind-limb development.
- Pneumococcal colonies, v. CO₂-tension.
- PO₂-electrode; construction of a thin film PO₂-electrode using gold paste, B 62.
- Poecilia reticulata* P., v. Retina.
- Point mutations; detection of chemically induced point mutations in vivo in somatic cells of rats (granuloma pouch assay), B 927.
- Poliovirus infection; influence of poliovirus infection on S-phase and mitosis of the host cell, B 1663.
- Polistes gallicus* colonies; dominance and hierarchy in *Polistes gallicus* colonies attained through photoelectric properties, B 1022.
- Pollution selection of allozyme polymorphisms in barnacles, B 1562.
- Polyacrylamide; radioimmunoassay of polyacrylamide, B 316.
- Polymorphism, v. Lactate dehydrogenase.
- Polymorphism, chromosomal; chromosomal polymorphism caused by supernumerary chromosomes *Rattus rattus* ssp. *frugivorus*, B 325.
- Polyoma RNAs; giant polyoma RNAs are tandemly repeated transcripts of the entire polyoma genome, B 932.
- Polyoma tumor antigen; modification of polyoma tumor antigen during lytic infection, B 959.
- ; localization of polyoma tumor antigen related polypeptides in subcellular fractions, B 953.
- Polyoma tumor antigens; in vitro synthesis of polyoma tumor antigens, B 954.
- Polyoma virus-specific m RNAs on different polysomal fractions of productively infected mouse cells, B 949.
- Polypeptide; monolayers of a light-harvesting polypeptide and of polymethyl glutamate, B 913.
- Polyploidization, v. Gene expression.
- Polyterferomes, v. Chromosomes.
- Polysaccharide; interaction of an alkali stable polysaccharide from cell surface of *Staphylococci* with human fibrinogen, B 885.
- Population densities; seasonal fluctuations of population densities of the fish-mite *Seudacia medianensis* independent of atmospheric temperature and humidity, B 1151.
- Porphyrin, v. *Bacillus subtilis*.
- Potassium contracture, v. Sodium dependence.
- Potassium currents, v. 4-Aminophyridine.
- Potato cyst nematode, v. Dormancy.

- Potentiation of transmission; criteria for the appearance of post-tetanic potentiation of transmission at central synapses in *Helix aspersa*, B 752.
- Poxvirus; rabbit poxvirus stimulates 2-deoxy-D-glucose uptake by HeLa cells, B 957.
- Powdery mildew fungus, v. *Cucumis virus-3*.
- Praemia, 552.
- Precocene; effects of precocene II and juvenile hormone III on the activity of neurosecretory A cells in *Oncopeltus fasciatus*, B 411.
- Prednisolone, v. L-DOPA.
- Pregnancy; effects of pregnancy on the glucose-induced insulin release from cultivated pancreatic islets of the rat, B 138.
- ; glutathione peroxidase in erythrocytes and plasma of rats during pregnancy and lactation, B 896.
- ; v. Selenium.
- Pressor reflexes, v. Capacitance vessels.
- Pressure, v. Insulin.
- ; v. Venous pulse.
- Probenecid, v. Heart.
- ; v. Phagocytic activity.
- Prococonase, v. Fluorescence.
- Progesterone; 7a-Aza-B-homo (7a, 7-d) tetrazole analogues of progesterone and testosterone, B 557.
- ; v. Estrogen.
- ; v. Oestrogen.
- ; v. Uterine fluid.
- Prolactin; possible influence of prolactin on intestinal hypertrophy in pregnant and lactating rats, B 1230.
- Prolactin and growth hormone releasing activity of (D-Met², Pro⁵)-enkephalinamide in the rat after systemic administration, B 1650.
- Prolactin production; the lack of an effect of cholinergic agonists on anterior pituitary prolactin production in vitro, B 1522.
- Prolactin receptors; detection of prolactin receptors, problems raised by use of radioiodinated hormones, B 940.
- Prolactin receptors on dispersed cells from rabbit mammary gland, B 955.
- Prolactin secretion inhibition by a new 8 α -amino-ergoline, CH 29-717, B 1330.
- Proliferative compartments, v. Tumors.
- Pronase, v. Choleragen.
- Propionibacterium acnes*, v. Prostaglandin-like substances.
- Propolis; constituents of propolis, B 157.
- Propranolol; an escape phenomenon from water and sodium retention induced by propranolol in rats, B 216.
- L-Propranolol; antitryptaminergic effects of 1-propranolol, 1-ox-propranolol and their enantiomers in the rat, B 929.
- Prostacyclin analogues, v. Activity.
- Prostacyclin like activity, v. Atherosclerosis.
- Prostaglandin; effects of anaesthesia and chronic catheterization on circulating levels of prostaglandins (PGE₂ and PGF₂ in dogs), B 772.
- ; v. Carbenoxolone.
- Prostaglandin D₂, v. Thrombocytes.
- Prostaglandin E, v. Fever.
- ; v. Laxatives.
- ; v. Melanoma cells.
- Prostaglandin-like substances in *Propionibacterium acnes*, B 1446.
- Prostaglandins, v. Tumorigenesis.
- Protease system; a protease system associated with the major cell surface glycoprotein of the ciliates *Pseudomicrothorax dubius* and *Paramecium primaurelia*, B 934.
- Proteases; neutral proteases in the guinea-pig lymphocytes, B 526.
- Protein Biosynthesis; mechanistische Grundlage für die hohe Genauigkeit der Aminosäureaktivierung in der Protein Biosynthese, B 913.
- Protein biosynthesis; 2 chromatographically separable forms of *E. coli* protein biosynthesis elongation factor Tu, B 940.
- Protein composition; studies on protein composition and synthesis in the ovary of *Rhynchosciara americana*, B 177.
- Protein digestion in the sea gooseberry *Pleurobranchia bachei* A. Agassiz (Ctenophora, Tentaculata), B 728.
- Protein-dye complexes; a preliminary report on γ -irradiated protein dye complexes, B 397.
- Protein kinase; evidence of cAMP dependent protein kinase translocation to chromatin binding site, B 932.
- Protein kinases; characterization of protein kinases isolated from the cytosol of GH₃-cells, B 908.
- Protein malnutrition, v. Gestation.
- Protein phosphorylation; endogenous in vitro protein phosphorylation in nuclei isolated from differentiating *Dictyostelium discoideum* cells, B 961.
- Protein synthesis; daily rhythm of protein synthesis in rat visual cells, B 953.
- ; the site of 25-hydroxycholecalciferol stimulated protein synthesis in the rat kidney, B 719.
- ; v. Narciclasine.
- Protein, toxic, v. Skin venom.
- Protein water binding ability correlates with cellular osmolarity, B 314.
- Proteins; alpha-globulin follicular fluid proteins within small and large bovine follicles, B 831.
- Proteins; distribution of contractile proteins and adrenergic nerves in the adrenal gland of guinea-pig rat and ox as revealed by immunofluorescence and the glyoxylic acid technique, B 102.
- ; effects of biotin deficiency on serum proteins and plasma amino acids, B 1481.
- ; v. ACTH.
- ; v. Leucine incorporation.
- ; v. Liver glycogen.
- ; v. Nucleus.
- Proteoglycans, v. Brain.
- Proteolysis in dystrophic hamster diaphragm and abdominal muscle, B 318.
- Proteolytic activity, lactic acid production, N-acetyl D-glucosamine fermentation and plasmids in *Lactobacillus helveticus* subsp. *jugurti*, B 955.
- Proteolytic activity, v. X-ray irradiation.
- Proteolytic enzyme, v. Enzyme.
- Proteolytic enzymes in wheat ears during maturation, B 940.
- Prothoracic glands; role of the nerve cord in the control of prothoracic glands in *Galleria mellonella* L., B 1233.
- Protoplast fusion and enrichment of heterokaryons using an isosmotic density gradient procedure, B 941.
- Protoplast technology; solanaceae as 'model plants' in protoplast technology, B 946.
- Pseudomonas aeruginosa*; typology and cluster analysis of 1529 *Pseudomonas aeruginosa* strains marked by serological and phage typing, B 1661.
- ; mutants of *Pseudomonas aeruginosa* with increased antibiotic sensitivity, properties and possible applications, B 1667.
- Pseudopregnant rats, v. Luteolysis.
- Psilocybin, v. LSD.
- Psychological refractory period; the psychological refractory period in the rat, a measure of central information processing, B 931.
- Purkinje fibres, v. Hyperpolarization.
- PVC; polyvinylchloride (PVC) particles implantation in mouse liver. A technique for experimental study of schistosome egg-induced liver pathology, B 547.
- Pyrogen; autonomic response of the fish to pyrogen, B 1177.
- Pyruvate carboxylase; attempt to estimate the degree of saturation of mitochondrial pyruvate carrier and pyruvate carboxylase by their substrate in liver of living mice, B 905.
- Pyruvate orthophosphate dikinase from *Acetobacter aceti*, B 1670.
- R 100-1; isolation of an unstable R lac derivative of the antibiotic resistance factor R 100-1, B 953.
- ; the r-determinant of the drug resistance plasmid R 100.1, B 1659.
- R host cells; combination of intercalation and antibiotic treatment with R-host cells, B 1666.
- R plasmid P 111; role of the host in the dissociation of the R plasmid P 111, B 952.
- Rabbitpox virus DNA; terminal repetition in rabbitpox virus DNA, B 961.
- Rabies, v. Immunization.
- Radiation damage, v. ATP.
- ; v. Conalbumin.
- Radiation protection, v. Lymphocytes.
- Radiosensitivity, v. Lysosomes.
- Radula variabilis*, v. Bibenzyls.
- Raffinose as reserve sugar in *Dysdercus koenigii*, a biosynthesis confirmation by ¹⁴C glucose, B 1590.
- Rana esculenta*, v. Liver metabolism.
- ; v. Temperature.
- ; v. Fat body metabolism.
- Rana ridibunda*, v. Cornea.
- Rana tigrina*, v. Cold acclimation.
- ; v. Iron level.
- Ranunculus sceleratus* L., v. Antifungal properties.
- Ranvier node; on reversible changes in the steady state ion-conductance of the Ranvier node membrane under low frequency sound fields, B 365.
- Rattus rattus ssp. frugivorus*, v. Polymorphism, chromosomal.

- Renal growth, v. Suramin.
- Rearing movement, v. Aversion.
- Receptor affinities, v. Oestrogens.
- Receptor potential; spread of the receptor potential in the retinula cells of the honeybee drone, *B* 896.
- Rectum; age dependent changes in Na^+ - K^+ activated ATPase activity of locust rectum, *B* 1546.
- Red blood cells, v. Catalase.
- , v. Tc.
- Red cell; a mathematical analysis of the disk-sphere transition of the human red cell, *B* 466.
- Red fibres; histochemical characterization of the red fibres in pigeon pectoralis muscle, *B* 784.
- Red light, v. Retinal development.
- Red nucleus; organization of the mammalian red nucleus and its interconnections with the cerebellum, *B* 1178.
- Refractoriness, v. Heart.
- Regeneration; stimulation of hydra head regeneration by substance P, *B* 958.
- , testing the clockface model of amphibian limb regeneration, *B* 1360.
- Regeneration of entire legs in cockroaches as a model for developmental events, *B* 252.
- Renal corpuscle; the participation of the proximal convoluted tubule in the formation of the parietal layer of the renal corpuscle in the mouse, *B* 1351.
- Renal cortical slices, v. Aminohippurate accumulation.
- Renal failure, v. Urea.
- Renal pelvis; frequency gradient in the autorhythmicity of the pyloureteral pacemaker system, *B* 614.
- Renin; permissive role of plasma renin beta adrenergic drinking, *B* 926.
- Renin response, v. Age.
- Reproductive organs; the effects of a juvenile hormone analogue on the male reproductive organs of the red cotton bug *Dysdercus cingulatus*, *B* 817.
- Reproductive status, v. LH-RH antagonist.
- Reserpine; effects of reserpine on development of *Oedipoda coerulescens* L., *B* 1098.
- Reserve sugar, v. Raffinose.
- Residual water content; on the residual water content of dried but viable cells, *B* 734.
- Resistance vessels, v. Capacitance.
- Respiratory chain, v. Ventricle strip.
- Respiratory neurons; putative neurotransmitters in bulbar respiratory neurons, *B* 897.
- Restriction enzymes; occurrence of deletions among the progeny of plasmids treated with restriction enzymes, *B* 948.
- Reticulitermes lucifugus*, v. Translocation.
- Reticuloendothelial system, v. Electric stress.
- Reticulum; distension of the reticulum decreased food but not water intake by sheep, *B* 202.
- Retina; cholinergic antagonists fail to block S-potentials in the cat retina, *B* 902.
- , identification of *Trypanosoma theileri* as a contaminant in primary cultures of bovine retina, *B* 473.
- , lack of synaptic reorganization in inner plexiform layer (IPL) of retina following ganglion cell degeneration, *B* 1082.
- , structural differences of cone oil-droplets in the light and dark adapted retina of *Poecilia reticulata* P., *B* 246.
- , susceptibility of chick neural retina to viral multiplication in vitro during embryonic development, *B* 54.
- , the effect of photostimulation on glycogen turnover in the retina of the honeybee drone, *B* 897.
- , visual pigment regeneration: occurrence in frog retina upside down upon the pigment epithelium, *B* 374.
- Retinal cells; evidence of relationship between the dopaminergic neurotransmitters and the nuclei of the retinal cells, *B* 1634.
- Retinal development; further studies on the effect of red and far red light on rat retinal development, *B* 513.
- Retinoids, a new class of compounds with prophylactic and therapeutic activities in oncology and dermatology, *A* 1105.
- Rheumatoid arthritis, v. Synovial fluid.
- Rhizomorphic growth; some aspects of rhizomorphic growth in *Sphaerostilbe repens*, *B* 1005.
- Rhodospirillum rubrum*, v. Adenylate kinase.
- Rhynchosciara americana*, v. Protein composition.
- Ribonucleoside triphosphatases, v. RNA polymerisation.
- Ribosomal DNA extrachromosomal genes of *Physarum*, *B* 1670.
- Ribosomal genes; degradation of ribosomal genes by nucleases in *Physarum polycephalum*, *B* 957.
- Ribosomes; electron microscopical observation of the contact between ribosomes and detergent resistant cytofilaments, *B* 1633.
- Ribulose 1,5-bisphosphate carboxylase; paracatalytic modification of ribulose 1,5-bisphosphate carboxylase from *Pseudomonas facilis*, tobacco and spinach, *B* 913.
- Ricinus communis*, v. Arabinogalactan.
- Rifamycin B; the determination of the final step of the rifamycin B biosynthesis by a chromosomal gene, *B* 1669.
- Ristocetin, v. Platelet aggregating.
- RNA; characterization of ribosomal RNA from insect eggs (*Euscelis plebejus*, Cicadina, *Smittia* spec., Chironomidae, Diptera), *B* 1260.
- , characterization of RNA synthesized by nuclei isolated from concanavalin A stimulated lymphocytes, *B* 960.
- , comparative incorporation of uridine into nucleolar RNA of mouse subcutaneous and skin tissues at early times after 20-methylcholanthrene administration, *B* 396.
- , isolation and determination of size distribution of RNA from postmitochondrial fractions of early chick blastoderms, *B* 947.
- rRNA; gel electrophoretic characterization of rRNA synthesized in vitro by *Chironomus* salivary glands, *B* 948.
- rRNA genes; mapping of rRNA genes on the circular *Euglena gracilis* chloroplast DNA, *B* 944.
- tRNA; separation of *Drosophila* tRNA by 2-dimensional polyacrylamide gel electrophoresis, *B* 938.
- mRNA; structural gene identification, blocking the in vitro translation of mRNA by hybridization to cloned DNA, *B* 940.
- tRNA; the effect of an antisuppressor on tRNA in the yeast *Schizosaccharomyces pombe*, *B* 943.
- tRNA, v. Cerebral cortical cells.
- mRNA biosynthesis; studies on vaccinia mRNA biosynthesis using in vitro translation systems, *B* 1665.
- mRNA coding; characterization of mRNA coding for P-enolpyruvate carboxykinase (GTP), *B* 943.
- mRNA for creatine kinases in differentiating myogenic cells from chicken, *B* 951.
- RNA polymerase; localization of RNA polymerase B and histones on the Y chromosome of *Drosophila hydei*, *B* 954.
- , v. Tryptophan.
- RNA polymerisation capacity and permeability to ribonucleoside triphosphates of nuclei from livers of wholebody X-irradiated rats, *B* 1279.
- RNA-synthesis; cellular RNAs synthesis in presence of low doses of actinomycin D in SV40 or polyoma infected cells, *B* 947.
- , stimulation of RNA synthesis in dissociated glia-rich rat brain cultures, *B* 941.
- RNA synthesis in *Escherichia coli* cells made permeable to nucleoside triphosphates by various methods, *B* 1667.
- RNA-synthesis of isolated *Chironomus* salivary gland nuclei, *B* 946.
- RNA transcription; ultrastructural visualization of RNA transcription complexes in mouse cells, *B* 939.
- Rostropontine-ventrolateral region, v. Sleep.
- Roundworms, v. Tioxidazole.
- Rous sarcoma; the ribosome binding site on Rous sarcoma virus RNA for the 'gag' gene translation, *B* 937.
- Rous sarcoma viral protein P 15 induces intracellular processing of viral precursor pr76, *B* 942.
- Rous sarcoma virus; processing of the glycoprotein precursor Rous sarcoma virus, a late extracellular event in virus maturation, *B* 944.
- Rubella immunofluorescence as an alternative to hemagglutination-inhibition, *B* 1664.
- Rubidium, v. Infarct size.
- Rudimentary mutants; isolation and characterization of cell lines derived from pyrimidine auxotrophic rudimentary mutants of *Drosophila melanogaster*, *B* 952.
- Ruellia tuberosa*, v. *Fusarium*.
- Ruthenium red, v. Ca^{2+} transport.
- Sabellaria alveolata*, v. Acid release.
- Saccharomyces cerevisiae*, v. Carboxypeptidase.
- Salamanders, v. Karyotypes.
- Salivary glands; effects of selective removal of the salivary glands on taste bud cells in the vallate papilla of the rat, *B* 1290.
- , the relationship of phosphodiesterase and cyclic AMP to the process of fluid secretion in the salivary glands of the ixodid tick *Amblyomma americanum*, *B* 1030.
- , role salivary glands in the maintenance of midgut amylase activity in *Periplaneta americana* L., *B* 1552.
- Salmonella dublin*; transposable genetic elements in a *Salmonella dublin* wild type strain, *B* 1659.
- Salmonella typhimurium*, v. *Trypanosoma*.
- Salt intake, v. Age.

- Sapogenin; marine invertebrate from New Caledonian lagoon. I. Structural study of a new sapogenin isolated from a sea cucumber *Bohadschia vitiensis* Semper, B 973.
- Sarcoidosis; the EM immunocytochemical demonstration of lysozyme in macrophage giant cells in sarcoidosis, B 1088.
- Sarcoma, v. Lymphocytes.
- Sarcoma 180; stable and transmissible dicentric chromosome with terminal centromeres in ascites cells of mouse sarcoma 180, B 1271.
- Sarcoma virus; characterization and in vitro translation of Rous sarcoma virus genomic and virus-specific RNA's, B 934.
- Sarcophyton glaucum*, v. Fatty acid.
- Sarcoplasmic reticulum, v. Muscle.
- Satellite DNA (II) from sea urchin (*Lytechinus variegatus*) sperm, B 846.
- Satiation; increased resistance to satiation in diazepam-treated pigs, B 81.
- Scale-worms, v. Photoemitter.
- Scanning autoradiography, a new method for the demonstration of membrane surface associated structures, B 416.
- Scent substances; the scent substances of male *Pieris* butterflies (*Pieris melete* and *Pieris napi*), B 684.
- Schneider's *Drosophila* cell line 3; morphological and proliferative response of Schneider's *Drosophila* cell line 3 to ecysterone, B 961.
- Scolytus scolytus*, v. Aggregation pheromone.
- Scopolamine; attenuation by scopolamine of the increase in dopamine turnover by neuroleptics, quantitation of their anticholinergic properties, B 931.
- Scorpion venom, v. Venom.
- Scrotal skin; giant pigment granules in dermal melanocytes of rat scrotal skin, B 1079.
- Scyllorhinus canicula*, v. Permeability coefficients.
- Sea cucumber, v. Self-suturing.
- Secretory cell, v. Bursa of fabricius.
- Seed size; influence of seed size and composition on the dry matter yield of *Cenchrus ciliaris*, B 848.
- Selenite, v. Cataract.
- Selenium; effects of pregnancy and lactation on the serum selenium content of rats, B 270.
- ; stimulation of methemoglobin reduction by selenium, a comparative study with erythrocytes of various animals, B 534.
- , v. α -Tocopherol.
- Self-suturing by a synaptid sea cucumber (*Holothuroidea echinodermata*), B 729.
- SEM analysis, v. Erythrocytes.
- Semen electrolytes, v. Zinc.
- Serine; on the synthesis of serine and homoserine samples asymmetrically labelled with tritium and deuterium in the hydroxymethylene group, B 297.
- Serotonin; comparative study of the sensitivity of acetylcholinesterases and cholinesterases from animal and bacterial sources to inhibition by serotonin and its derivatives, B 992.
- ; correlation between acidic phospholipids and serotonin and between lysolecithin and dopamine in ganglia of the marine mussel, *Mytilus edulis*, B 210.
- ; evidence for a correlation between the latency of an early component of auditory evoked potentials and the brain levels of serotonin in albino rats, B 375.
- ; seasonal changes in the levels and the turnover of brain serotonin and noradrenaline in the European hamster kept under constant environment, B 1032.
- , v. ATP.
- , v. Dopamine.
- Serotonin metabolism, v. Brain.
- Serotonin metabolism in chronic alcoholism, B 74.
- Serotonin receptor; chronic application of serotonergic drugs does not modify serotonin receptor binding, B 923.
- Serotype transformation; study of serotype transformation in *Paramecium primaurelia*, B 955.
- Serum; mass fragmentographic determination of cholecalciferol and 25-hydroxycholecalciferol in human serum, B 1537.
- , v. Betahistine.
- Serum albumins; human serum albumins from newborns and adults are structurally identical, B 909.
- Serum protein binding, v. Phenprocoumon.
- Serum proteins, v. Aloe extract.
- Serum responsiveness; decreased serum responsiveness by primary monolayer cultures of preneoplastic and neoplastic mammary epithelial cells, B 97.
- Sesterterpenic, v. Ceralbol.
- Sesquiterpenes; formation of enantiomeric sesquiterpenes in the secretions of scale insects, B 984.
- , v. *Pleraplysilla spinifera*.
- Seudacia medanensis*, v. Population densities.
- Sex; the count of blood platelets and sex in humans, B 257.
- Sex attractants for male *Heliothis armigera*, B 853.
- Sex determination; genetic control of somatic sex determination in *Drosophila*, B 950.
- Sex difference in polyethyleneglycol-induced thirst, B 742.
- Sex hormones; effect of sex hormones on plasma cholesterol in castrated and noncastrated male rats, B 624.
- Sex pheromone; a sex pheromone from the mandibular glands in bumblebee queens, B 838.
- Sexual dimorphism, v. Methylmercury.
- Sexual maturation, v. CNS stimulation.
- Sexual reproduction, v. DNA.
- SFV; *Aedes albopictus* (mosquito) cells showing strong response to semliki forest virus (SFV) infection, B 1664.
- Shell structure; a unified theory of atomic and nuclear shell structure, B 419.
- Sialic acid, v. Brain.
- Silica; response of neonatal mouse lung in organ culture to silica, B 1187.
- Silybin; anti phalloidine and anti amanitine action of silybin in comparison with compounds similar to structural parts of silybin, B 1051.
- Sipylloidea sipylus*, v. Chromosome duplication.
- Simatoxin, v. Cyclochlorotine.
- Simian virus 40, v. SV40 tumors.
- Site directed mutagenesis in the β -globin DNA insert of plasmid pBG, B 960.
- β -Sitosterol; conversion of β -sitosterol into both fucosterol and isofucosterol in *Tenebrio molitor*, B 699.
- Skeletal muscle; early birefringence signal and latency relation in single fibres of frog skeletal muscle, B 902.
- ; measurement of frog skeletal muscle intracellular buffer value by CO_2 -titration of homogenates, B 898.
- ; the M-line of chicken skeletal muscle, B 951.
- ; ultrastructural differences in mitochondria of skeletal muscle in the prerigor and rigor states, B 1070.
- ; voltage-clamp analysis of the sodium and potassium currents in skeletal muscle fibres treated with 4-aminopyridine, B 1275.
- Skin; gold ions as a tool for morphofunctional studies in frog skin, B 901.
- , v. Diamide.
- , v. Water transport.
- Skin fibroblast cultures; isolation of a growth-stimulating agent from human skin fibroblast cultures, B 1515.
- Skin permeability, v. ADH effect.
- Skin venom; isolation of the major toxic protein from the skin venom of the crested newt, *Triturus cristatus*, B 503.
- Skylight navigation; spectral cues in skylight navigation of insects, B 904.
- Slavery in the subfamily Dolichoderinae (F. Formicidae) and its ecological consequences, B 1281.
- Sleep; cerebral ventricular infusion of artificial CSF and excess calcium, effects on sleep in the rat, B 930.
- ; delta sleep inducing peptide (DSIP) and the sleep-wakefulness cycle of rat, B 928.
- ; enhancement of ethanol-induced sleep by whole oil of nutmeg, B 492.
- ; deprivation and recovery of desynchronized sleep, B 896.
- ; the influence of the rostromedial ventrolateral region on the sleep-wakefulness cycle, B 61.
- Sleeping; somesthetic cortex reactivity during sleeping and waking in the rat, B 1584.
- Smooth muscle; electrical slow waves in oviductal smooth muscle of the guinea-pig, mouse and the immature baboon, B 198.
- Social behaviour; changes in the social behaviour of mice after antidepressants and neuroleptics, B 923.
- Sodium butyrate, v. Melanoma cells.
- Sodium currents, v. 4-Aminopyridine.
- Sodium dependence of sustained force in potassium contracture of cat ventricle, B 1591.
- Sodium diet; involutine morphological modifications in the rat adrenal glomerular zone after a low-sodium diet, B 653.
- Sodium dodecyl sulphate, v. Lipoprotein.
- Sodium excretion, v. Adrenalectomy.
- Sodium octanoate, v. Liver slices.
- Sodium retention, v. Propranolol.
- Soil enzyme; the effect of γ -irradiation on soil enzyme stability, B 301.
- Solanum tuberosum*, v. Cancer.
- Somatostatin, effect on the insulinotropic and glucagonotropic activities developed by rat duodenal mucosa after arginine ingestion, B 916.

- Somatostatin inhibits the mitogenic effect of thyroliberin, *B* 271.
- Somatostatin reduces the release of colony stimulating activity (CSA) from PHA activated mouse spleen lymphocytes, *B* 860.
- Somatotropic cells; quantitative study of the modifications observed in somatotrophic cells of thymectomized rats, opotherapeutic substitution with a thymic extract, *B* 1525.
- L-Sorbose, v. Glycolysis.
- Sounds, v. Tsetse fly.
- Speciation; evidence for rapid speciation in African cichlid fishes, *B* 335.
- Spectral characteristics, v. Carcinogenicity.
- Spectral sensitivity in the drone retina, *B* 895.
- Sperm volume; possible relationship between packed sperm volume and egg mass in domestic fowl, *B* 443.
- Spermatocyte chromatin loops, v. Chromatin loops.
- Spermatocyte selection during meiosis following mitomycin C treatment in mice, *B* 1639.
- Spermatozoa; effect of pH on photosensitivity of bull spermatozoa, *B* 1102.
- ; uptake of glucose C¹⁴ and fructose C¹⁴ by buffalo spermatozoa in extenders during cold storage, *B* 379.
- , v. cAMP.
- , v. Spermine.
- Spermine; inhibition of phosphodiesterase activity of human spermatozoa by spermine, *B* 980.
- Sperms; a reliable method for obtaining longitudinal sections of sperms for electron microscopy, *B* 1386.
- Sphaerostilbe repens*, v. Rhizomorphic growth.
- Spherocytes, v. ³¹P-NMH.
- Spinal cord; the effect of myelin basic protein (MBP) on the bioelectrical activity of the frog spinal cord in vitro, *B* 900.
- Spinal cord section, v. Muscles.
- Spiniferins; furanosesquiterpenoids in sponges VI, further structural studies for spiniferins sesquiterpenes from *Pleraplysilla spinifera*, *B* 1425.
- Spinning; tissue specific biochemical alterations during spinning in the eri-silkworm *Philosomia ricini*, *B* 994.
- Spirality; foliar spirality and aestivation of flowers in *Hibiscus cannabinus* Linn., *B* 348.
- Spirofluorene, v. Energy transfer.
- Spitzenkörper centre; the Spitzenkörper centre of the reducing power in the growing hyphal apices of two septomycetous fungi, *B* 1277.
- Spleen weight; increased ALA dehydratase activity and spleen weight in lead intoxicated rats, a consequence in increased blood cell destruction, *B* 381.
- Sponges, v. L-Azetidine-2-carboxylic acid.
- Spot test, v. Moxnidazole.
- Squalene and other unsaturated hydrocarbons in *Bryocladia cuspidata*, *B* 1129.
- Ss-Protein; mouse Ss protein, molecular identification and characterization of the antigen, *B* 950.
- Staphylococcal protein A, a tool in diagnostic microbiology and serology, *B* 1662.
- Staphylococci*, v. Polysaccharide.
- Starch gel electrophoresis; use of arrow root powder in starch gel electrophoresis, *B* 551.
- Starvation, v. Enzymes.
- Stellate ganglion; an electrophysiological study of N-acetyl-L-aspartic acid (NAAA) on the stellate ganglion of the squid, *B* 1475.
- Sterilant compounds; screening of newly synthesized non alkylating sterilant compounds against the adult *Chrotogonus trachypertus* Blanch, *B* 1162.
- Sterilising activity of methoprene and hydroprene in *Tribolium castaneum*, *B* 469.
- Steroid hormones, v. Blood.
- Steroid metabolism; different effects of synthetic α -tetrahydrocannabinol and cannabis extract on steroid metabolism in male rats, *B* 88.
- Steroidogenesis, v. Methallibure.
- Steroids, gonadal, v. Temperature.
- Stimuli, v. Perpendicular propagation.
- Stomata; inhibition of the regulatory ability of stomata caused by exhaust gases, *B* 1274.
- Stomatitis virus, v. Hydrocortisone.
- Streptomyces glaucescens*; genetic characterization of albino mutants of *Streptomyces glaucescens*, *B* 1668.
- Streptostyly, v. Muscle function.
- Streptozotocin, v. Embryos.
- Streptozotocin-diabetic rat; effects of s.c. adrenaline, isoprenaline and phenylephrine on blood glucose and lactate in the phenformin-treated streptozotocin-diabetic rat, *B* 905.
- Stress; cellular changes of adrenal under the acute stress of O-chlorobenzylidene malononitrile, *B* 494.
- ; effects of a definite stress on the enzyme activities in blood plasma in mice, *B* 1307.
- ; effects of prenatal stress on the estrous cycle of female offspring as adults, *B* 1240.
- ; induction of developmental anomalies in mice by maternal stress, *B* 105.
- ; the transcendental meditation technique, adrenocortical activity, and implications for stress, *B* 618.
- , v. Infarction dysrhythmias.
- Stress, preoperative; effect of preoperative stress on serum cholesterol level in humans, *B* 213.
- Stress ulceration, v. Histamine H.
- Strongyloides papillosus*, v. Humidity.
- Subfornical organ; the surface morphology of the cat subfornical organ (SFO), *B* 939.
- Submandibular gland, v. Canaliculi, intracellular.
- , v. Kallikrein.
- , v. Opossum.
- Substantia nigra; a preliminary study on the behaviour and biochemical responses subsequent to the injection of 5,6-dihydroxytryptamine into the substantia nigra of the rat, *B* 459.
- ; projections from nucleus accumbens to globus pallidus and substantia nigra in the rat, *B* 68.
- , v. Learning.
- , v. Muscimol.
- Suckling mice, v. Catecholamine.
- Sucrose, v. Ethanol.
- Sugars; the common periwinkle, *Littorina littorea* Linn., attracted by sugars, *B* 1445.
- Sulfatide metabolism of the cerebrum and cerebellum of normal and myelin-deficient jimpy mice, *B* 907.
- Sulfatide synthesis and CNP, glial markers for cultured gliomas, *B* 914.
- Sulfhydryl compounds, v. Angiotensin-converting enzyme.
- ; on the modification of sulfhydryl groups by 4-cyclopentene 1,3-dione, *B* 1131.
- , v. Hemoglobin.
- O-acetyl-Sulfhydrylase; allosteric behaviour of O-acetyl-L-serine sulfhydrylase of *Cephalosporium acremonium*, *B* 1668.
- Sulfonamides; antimicrobial activity of metal derivatives of sulfonamides, *B* 472.
- ³⁵S-Sulphate incorporation, v. Brain development.
- Supercontraction of conifer chromosomes under the action of alkylating nitro-compounds, *B* 1381.
- Superoxide dismutase, v. Erythrocyte aging.
- Superoxide dismutase activity; changes in mouse liver superoxide dismutase activity and lipid peroxidation during embryonic and postpartum development, *B* 1134.
- Superoxide dismutase activity in Friend cells and hepatoma cells, *B* 953.
- Superoxide forming enzyme; membrane association of the superoxide forming enzyme in human neutrophils, *B* 937.
- Suramin stimulates renal growth in the rat, *B* 219.
- Surface carbohydrates; cytochemical localization of surface carbohydrates on mycoplasma membranes, *B* 1011.
- Surfactant; effect of surfactant on alveolar geometry, *B* 895.
- Surgical bleeding, v. Acetylsalicylate.
- SV40 DNA; early and late viral proteins synthesized in *Xenopus* oocytes injected with SV40 DNA, *B* 954.
- SV40 T antigen; analysis of SV40 T antigen tryptic peptides by ion exchange column chromatography, *B* 945.
- SV40 tumors; serum activity inhibiting specific simian virus 40 induced transplantation resistance and its correlation with primary SV40 tumors appearance in hamsters, *B* 113.
- Sympathetic ganglia; the occurrence of small intensely fluorescent (SIF) cells in human sympathetic ganglia, *B* 1359.
- , v. Catecholamines.
- Sympathetic ground plexus, v. Noradrenaline.
- Synapses, v. Potentiation of transmission.
- Synaptic receptors, v. GABA.
- Synaptic vesicles; stimulation induced depletion of the synaptic vesicles in excitatory motor nerve terminals of the locust, *Locusta migratoria* L., *B* 207.
- Synaptic vesicles and other organelles of human mossy fibre endings, a morphometric study, *B* 100.
- Synaptic vesicle depletion and glutamate uptake in a nerve-muscle preparation of the locust, *Locusta migratoria* L., *B* 209.
- Synaptosomes; separation of specific fractions of synaptosomes by affinity chromatography, *B* 1598.
- Synovial fluid; the synovial fluid hyaluronic acid in rheumatoid arthritis, *B* 1545.

Synovial intimal cells, v. Desmosome-like structures.
Systematic problems, v. *Euposophus roseus*.

T4 capsids; relationship of cleavage with structural transformation in giant T4 capsids, B 1666.

T cell line; ocular involvement in hamsters transplanted with a human leukemic T cell line, B 1089.

T cells; comparison of allogeneic and xenogeneic surface markers specific for murine T cells, B 910.

T cells specific antigen; identification of human T cells specific antigen, B 910.

T4 head assembly; bacteriophage T4 head assembly, B 938.

T4 head maturation; study of the particle, a new intermediate in bacteriophage T4 head maturation, B 1666.

T4 head related particles; in vitro transformation of T4 head related particles produced by mutants in gene 17, to final T4 capsids, B 936.

T lymphocytes; continued in vitro growth of human T lymphocytes with retention of their function, B 934.

Taenia crassiceps, v. Temperature.

Taenia saginata, v. Albendazole.

Tannic acid; effect of tannic acid on the Ehrlich ascites tumor cells, B 1508.

Taste bud cells, v. Salivary glands.

Taste buds degeneration, v. Nerves.

Taste hairs; electrical resistivity of labellar taste hairs of male and female blowflies, *Phormia regina*, B 491.

Taste preference; change in taste preference related to aging of taste cells in rat, B 611.

Taste stimuli, v. Gustatory neural responses.

Taurine; action of taurine and glycine on strychnine-induced convulsions in the rabbit, B 902.

-; effects of ions, analogs and drugs on high-affinity uptake of taurine by glial and neuronal cells, B 922.

Taurocholate, v. Tritium.

Tc; use of stannous methylene diphosphonate for labelling red blood cells with Tc, B 261.

Technetium 99; labeling of endotoxin lipopolysaccharide with technetium-99m pertechnetate, B 582.

Technetium methylene diphosphonate; factors influencing the distribution of 99m technetium methylene diphosphonate in bone and soft tissues, B 1598.

Temperature; environmental temperature and the growth of *Taenia crassiceps* cysticerci in mice, B 1149.

-; 5-Hydroxytryptamine induced changes in body temperature of newborn kittens and guinea-pigs and the effect of indomethacin thereon, B 58.

-; influence of temperature and gonadal steroids on the testis composition in *Rana esculenta*, B 267.

-; v. Atria.

-; v. Population densities.

-; v. Venous pulse.

Temperature acclimation, v. Learning.

Temperature rhythm; failure of medial forebrain bundle or raphe ablation to alter the daily temperature rhythm of the rat, B 1588.

Tenebrio molitor, v. Sitosterol.

Tenotomy; motor nerve terminal defect following tenotomy, B 1479.

Teratogenesis; neuroactive compounds and vertebral teratogenesis in the bird embryo, B 394.

Teratogenic effect, v. Trypan.

Terminologia, 547.

Termites, v. Cellulase.

Testes; activity of phospholipases A and some lysosomal enzymes in rat testes at different stages of hypervitaminosis A, B 991.

Testis, v. Borax.

Testis composition, v. Temperature.

Testosterone; age-dependent response of lactate dehydrogenase of pituitary of rat to testosterone, B 1270.

-; v. cAMP.

-; v. Liver.

-; v. Progesterone.

Testudo hermanni, v. Intestine.

Tetanus toxin; quantitative studies of (¹²⁵I) tetanus toxin binding in neuroblastoma cells in tissue culture, B 962.

Tetanus toxin coupled to colloidal gold EM evidence for selective binding and uptake by nerve terminals and retrograde axonal transport, B 957.

2,3,7,8-Tetrachlorodibenzo-p-dioxin; degradation of 2,3,7,8-tetrachlorodibenzo-p-dioxin in organic solvents by gamma ray irradiation, B 1126.

α -Tetrahydrocannabinol, v. Steroid metabolism.

Tetrahymena pyriformis, v. Membranes.

Tetrodotoxin, v. Gastrin.

Thalamus; vestibular projections to the monkey thalamus, B 901.

THC, v. LSD.

Theophylline; effect of theophylline on myocardial adenylate cyclase activity, B 504.

-; v. Lipolysis.

Theophylline influence, v. Ferritin pathway.

Thermoregulation, v. Brain.

-; v. L-Aspartic acid.

Thermoregulatory effects, v. L-Glutamic acid.

Thiamine transport, v. Phosphatase activity.

Thiocarbamic acid derivatives; inactivation of superoxide dismutase by several thiocarbamic acid derivatives, B 1553.

Thiocyanate; reciprocal changes in serum free thyroxine fraction and thyrotropin level after administration of thiocyanate to rats, B 409.

Thiothixene, v. Navane.

Thirst, v. Sex difference.

Thrombocytes; radioimmunological determination of prostaglandin D₂ synthesis in human thrombocytes, B 1494.

Thymectomized rats, v. Somatotrophic cells.

Thymectomy, v. Electric stress.

Thymic extract, v. Somatotrophic cells.

³H-Thymidine incorporation, v. DNA synthesis.

Thymocytes; bacterial lipopolysaccharide (LPS) enhances concanavalin A reactivity of thymocytes from low-LPS-responder mouse strain C3H/HeJ, B 125.

-; v. DNA.

Thymus; influence of a mixture of chemical protectors on the lymphoid regeneration of bone marrow and thymus in irradiated mice, B 1221.

-; influence of the thymus on the incidence of secondary and parabiologic disease, B 258.

-; transition metals in calf thymus deoxyribonucleoprotein, B 15.

Thyroid; biochemical and ultrastructural study of guinea rat thyroid, B 933.

-; histological changes in thyroid of rat under the acute exposure of O-chloro-benzylidene malononitrile, B 1327.

-; v. cAMP.

Thyroid glands, v. Calcitonin.

Thyroid hormone inhibition of the late aldosterone response in the urinary bladder of the toad *Bufo marinus*, B 929.

Thyroid peroxidase activity, v. TSH stimulation.

Thyroid state, v. Noradrenaline.

Thyroliberin, v. Somatostatin.

Thyrotrophin, v. Thyroxine.

Thyrotrophic cells, v. Immunofluorescent method.

-; v. Lecithin-cholesterol acyltransferase.

Thyrotropin, v. c-AMP levels.

Thyrotropin level, v. Thiocyanate.

Thyroxine; effects of exogenous thyroxine on the surface morphology of the developing chick anterior corneal epithelium, B 1213.

-; estimation of plasma thyroxine concentration in ducks in relation to different environmental and experimental conditions, B 1228.

-; plasma triiodothyronine, thyroxine and thyrotrophin levels in germfree rats, B 1095.

Thyroxine fraction, v. Thiocyanate.

Thyroxine thereon, v. TSH-stimulation.

Tiamide, v. Platelets.

Tioxidazole; anthelmintic activity of tioxidazole (SCH 21480) against gastrointestinal roundworms, B 733.

Tobramycin, v. Amikacin.

α -Tocopherol; hepatic α -tocopherol binding protein in the rat, absence of an effect of selenium deficiency on binding activity, B 830.

Tolbutamide; uptake of tolbutamide by islets of Langerhans and other tissues, B 1372.

Toxic effects, v. Mutagenic substances.

Toxic substances, v. *Fusarium* VI.

T-2 Toxin; irreversible depigmentation of dark mouse hair by T-2 toxin (a metabolite of *Fusarium sporotrichioides*) and by calcium pantothenate, B 763.

Tracheo-bronchial tree; heterogeneity of the epithelium at the bifurcations of the tracheo-bronchial tree, a scanning and transmission electron microscopical study in *Macaca fascicularis*, B 960.

Training, v. Memory transfer.

Transaminase activity, v. Cold acclimation.

Transcobalamin II; polymorphic inheritance of transcobalamin II, B 909.

Transcriptase; interconversion of 2 forms of AMV reverse transcriptase separated by poly(rC)-CL-sepharose, B 957.

- Transcription; effect of ethylene glycol on transcription of *Neurospora crassa* conidial genome, *B* 735.
- , v. 2,4-D.
- Transferrin, v. Down's syndrome.
- Translocation; chromosomal translocations in 2 Italian populations of *Reticulitermes lucifugus* (Rossi) (Insecta, Isoptera rhinotermitidae), *B* 708.
- Transmitter concentrations, v. Penis artery.
- Transplantation; an improved method of transplantation on chicken chorioallantoic membrane (CAM) *B* 1241.
- , v. Brain.
- Transport; interaction of CDP-choline with synaptosomal transport of biogenic amines and their precursors in vitro and in vivo in the rat corpus striatum, *B* 1197.
- Transport of cytoplasmically-synthesized proteins; the transport of cytoplasmically synthesized proteins; the transport of cytoplasmically synthesized proteins into mitochondria, *B* 910.
- Transport system; anaerobic specimen transport system, *B* 851.
- Trasyol; effects of the antiprotease Trasyol on peripheral blood leucocytes, *B* 528.
- Treatment duration; influence of treatment duration on audiogenic seizure susceptibility during barbiturate withdrawal in rats, *B* 873.
- TRH; intravenous thyrotropin releasing hormone (TRH) enhances the excitatory actions of acetylcholine (ACh) on rat cortical neurons, *B* 390.
- Triacylglycerols, v. Phospholipids.
- sTriazine herbicides; microbial degradation of hydroxy derivatives of s-triazine herbicides, *B* 1671.
- Tribolium castaneum*, v. Learning.
- , v. Sterilising activity.
- Trichinella spiralis*, acceleration and inhibition of cyst calcification in rats, *B* 1567.
- Trichoclea tomentella*, v. Aromatic esters.
- Trichopolyns A; new antibiotics trichopolyns A and B, isolation and biological activity, *B* 237.
- Trichothecenes; natural occurrence of trichothecenes (nivalenol, deoxynivalenol T₂) and zearalenone in corn, *B* 1333.
- Triglyceride mobilization; effect of beta adrenergic blockade on intramuscular triglyceride mobilization during exercise, *B* 357.
- Triiodothyronine, v. Cortisone.
- , v. Liver glycogen.
- , v. Thyroxine.
- Trinervitermes gratus*, v. Isotrinervi-2 β -ol.
- Triploidy in callus culture of *Vicia faba* L. investigated by the Giemsa C-banding technique, *B* 1016.
- Trisialoganglioside, v. Liver.
- Tritium; exchange of tritium from randomly tritiated taurocholate by microbial bile salt oxidoreductases, *B* 426.
- Triturus cristatus*, v. Skin venom.
- Tropane; behavioral and biochemical effects of the tropane derivative Ro 12 7982, *B* 928.
- Troponin C; a new form of rabbit skeletal troponin C, *B* 905.
- , evolution of the Ca-binding properties of troponin C, *B* 920.
- Trypan; a synergistic interaction between the teratogenic effect of trypan blue and dietary deficiency in the rat, *B* 510.
- Trypanosoma congolense*, v. Mitogenicity.
- Trypanosoma lewisi*; increased susceptibility of *Trypanosoma lewisi* infected, or de complemented rats to *Salmonella typhimurium*, *B* 118.
- Trypanosoma theileri*, v. Retina.
- Trypanosomiasis; experimental immunity against trypanosomiasis, *B* 1450.
- Trypsination, v. Lipolysis.
- Tryptophan; effect of tryptophan on hepatic nuclear free and engaged RNA-polymerases in young and adult rats, *B* 1258.
- Tsetse fly; specific differences in tsetse fly sounds and their behaviour significance, *B* 1152.
- , v. AMP.
- TSH-stimulation; bovine TSH-stimulation of fish thyroid peroxidase activity and role of thyroxine theoreon, *B* 136.
- Tuberculosis; about effective immunization against tuberculosis, *B* 1661.
- Tubulin; interaction of vinblastine analogues with tubulin, *B* 1497.
- Tumor; tissue distribution and nucleic acid binding of chlorambucil-H in tumor-bearing rats, *B* 1215.
- Tumor bearing rats; the timing of cyclophosphamide therapy in tumor-bearing rats affects the resistance to tumor challenge in survivors, *B* 1355.
- Tumorigenesis; effect of prostaglandins on skin tumorigenesis, *B* 785.
- Tumors; determination of proliferative compartments in human tumors, *B* 1510.
- Tumour promoter, v. Cell proliferation.
- Tumour promotion; acetic acid pretreatment of initiated epidermis inhibits tumour promotion by a phorbol ester, *B* 1507.
- Turner's syndrome; iron malabsorption and hypochromic anemia in a case of Turner's syndrome, *B* 1220.
- Tween 80; effect of Tween 80 on lipids of *Mycobacterium phlei* ATCC 354, *B* 303.
- Tyrosinase; release of cellbound tyrosinase by *Streptomyces glaucescens*, *B* 1669.
- , serum in human lung carcinoma, *B* 20.
- Tyrosinase activity, v. Melanoma.
- Ubiquitin, v. Lymphocytes.
- Udy-dye binding, v. Lysine.
- Ulcer-protecting effects, v. Gastric mucus.
- Ulceration, v. Histamin A.
- Ultrathin sections, v. Nucleosomes.
- Ultraviolet irradiation, v. Egg.
- Urea; effect of experimental chronic renal failure upon production of urea as measured by the liver arginase activity in rats, *B* 1465.
- Urethane, v. Liver.
- Uridine H, v. RNA.
- Urinary peptides; analysis of urinary peptides as polyaminoalcohols by gas chromatography-mass spectrometry, *B* 918.
- Urinary tract; a tonic component in the motility of the upper urinary tract (renal pelvis-ureter), *B* 64.
- Uterine fluid from progesterone treated rabbits contains subcellular membranes, *B* 350.
- Uterotonic test, v. Oxytocin.
- Uterus, v. Oestradiol receptor.
- Uterus receptor, v. Oxytocin.
- Vaccinia virus genome; length heterogeneity in the terminal region of the vaccinia virus genome, *B* 950.
- Vagal stimulation; changes in the concentration of vasoactive intestinal peptide in intestinal lymph in response to vagal stimulation, *B* 1186.
- Vagotomy; effect of acute bilateral vagotomy on hypersecretion of insulin of ventromedial (VMH) lesioned rats, *B* 911.
- , effect of vagotomy upon the neurohistochemical and ultrastructural integrity of the inbuilt intrinsic nervous apparatus of the choledcho-duodenal junction, *B* 782.
- , subdiaphragmatic vagotomy eliminates drinking induced by i.v. dipsogens in rats, *B* 901.
- , v. Motilin levels.
- Valence number, v. Antibiotic activity.
- , v. Cytostatic.
- Valproate sodium; central actions of valproate sodium, *B* 930.
- Variability; on genetic variability in a population of the widespread gecko *Hemidactylus brooki*, *B* 1557.
- Vas deferens, v. Cyclic GMP.
- Vascular permeability, v. Malignant disease.
- Vascular wall; histology of the vascular wall and its innervation, *B* 1403.
- Vasectomy; effect of vasectomy on hepatic drug metabolism, *B* 315.
- Vasoactive intestinal polypeptide; plasma vasoactive intestinal polypeptide (VIP) levels and intestinal ischaemia, *B* 535.
- Vasodilators; effects of some vasodilators on Ca-fluxes in vascular smooth muscle, *B* 930.
- Vasomotor escape from adrenaline, noradrenaline or acetylcholine in the dog hind limb, *B* 1467.
- Veins, v. Autorhythmic contractions.
- Veins, contractile, v. Wing membrane.
- Venom; centrally acting hypotensive fraction in the venom of *Dendroaspis angusticeps*, *B* 874.
- , effect of the scorpion, *Heterometrus fulvipes* (C. Koch), venom on some enzyme systems in rat (albino) tissues, *B* 233.
- Venous pulse; functional characteristics and physical limitations of the active venous pulse in the bat wing: the effects of pressure and temperature, *B* 1400.
- , the active venous pulse in the wing circulation of bats, a contribution to comparative angiology, *A* 1391.
- Venous vasomotion; relevance of work on bats to our understanding of the role of active venous vasomotion in the circulatory system, *B* 1421.
- Ventricle; viscous and elastic properties of the normal and the hypertrophied left ventricle, *B* 899.
- Ventricle strip; simultaneous monitoring by optical techniques of respiratory chain and intracellular pH in toad ventricle strips, *B* 203.
- Venular muscles, v. Wing.
- Verbenone, v. Muscle potentials.

- Vesicular inclusions in the nuclei of epithelial cells of Malpighian tubes of the hemipteran, *Panstrongylus megistus*, B 794.
- Vesicular membrane, v. ATPase.
- Vibrio cholerae*, v. Choleragen.
- Vicia faba*, v. Triploidy.
- Vinblastine; effects of vinblastine on meristematic cells of *Allium cepa*, B 996.
- , v. Tubulin.
- Viral antibody titers; the replacement of labelled anti-species gamma-globulines with labelled protein A for the detection of viral antibody titers, B 1662.
- Viral nucleoprotein complex in cells infected by *Herpes virus*, B 954.
- Viral nucleoprotein complexes; gel electrophoresis of viral nucleoprotein complexes, B 932.
- Viral proteins, v. SV 40 DNA.
- Virus like particles, v. Opossum.
- Virus N-1 resistant mutant; reversion of virus N-1 resistant mutant of blue-green alga *Nostoc muscorum*, B 1565.
- Virus particles; physicochemical and morphological properties of virus particles associated with hepatitis A, B 1663.
- Viscosity, v. Membranes.
- Viscum album*, v. Lectin.
- Visual cells; facilitation of contrast responses of single cortical visual cells during induced gazing, B 900.
- Visual cortex, v. Dopamine.
- Visualization, v. Haemal system.
- Vitamin A, v. Retinoids.
- Vitamin A action; inhibition of vitamin A action in rat bone cultures by inhibitors of RNA and protein synthesis, B 1159.
- Vitamin A malnutrition, v. Aflatoxin metabolism.
- Vitamin C deficiency; serum triglycerides and post-heparin lipolytic activity in guinea-pigs with latent vitamin C deficiency, B 1554.
- Vitamin E; effect of vitamin E on post irradiation death in mice, B 1216.
- Vitellogenin; enrichment and restriction analysis gene coding for vitellogenin in *Xenopus*, B 943.
- , estrogen-induced secretion of vitellogenin and accumulation of its mRNA in organ culture of *Xenopus* liver, B 939.
- Vitellogenin gene; transcription of the vitellogenin gene from chick liver chromatin in vitro, B 938.
- Vitellogenin mRNA; appearance of vitellogenin mRNA in immature chick liver following primary and secondary stimulation by estradiol, B 951.
- Voltage variation in *Lilium longiflorum* pistils induced by pollination, B 36.
- Wall stress, v. Arteriolar pressure.
- Warfarin; interaction between azapropazone and warfarin, B 1320.
- Wasp leg muscle, v. Muscle.
- Wasps; photoelectric properties of the yellow strips of social wasps, B 340.
- Water compartments, v. Nerve.
- Water intake, v. Reticulum.
- Water reabsorption; ultrastructural correlation of water reabsorption in isolated rat cauda epididymidis, B 485.
- Water stress, v. Gibberellin response.
- Water transport; paradoxical stimulation of water transport by alloxan in toad skin, B 898.
- , v. Diamide.
- Werner's syndromes, v. Collagen synthesis.
- White leaf disease of *Cynodon dactylon* Pers., a mycoplasmal disease in India, B 1447.
- Wing; phasic activities in venular muscles of the bat wing, B 1418.
- Wing circulation, v. Venous pulse.
- Wing membrane; morphological specialization ultrastructural, B 1410.
- , v. Circulation.
- Wing veins; interaction of Ca and K ions in governing spontaneous electrical and mechanical activity of bat wing veins, B 1415.
- Winkler method; a quick and modified Winkler method for measuring O₂ consumption of aquatic animals, B 1242.
- Wound healing properties of naphthaquinone pigments from *Alkanna tinctoria*, B 1499.
- X cells, v. Adaptation.
- X-prolyl dipeptidyl-aminopeptidase; studies on substrate specificity of X-prolyl dipeptidyl-aminopeptidase using new chromogenic substrates, X-Y-p-nitroanilides, B 319.
- X-ray irradiation; increase of proteolytic activity in *Lactobacillus casei* by X-ray irradiation, B 183.
- X-rays, v. Neoplasms.
- Xanthoparmelia scabrosa*, v. Norlobariol.
- Xenopsylla astia*, v. Chromosome variations.
- Xenopus*; two new polyploid *Xenopus* species from western Uganda, B 1012.
- , v. Melatonin.
- Xenopus* larvae, v. Melanoblast differentiation.
- Xylem sap; composition of xylem sap and leaf nitrate reductase activity in beans, B 959.
- Y cells, v. Adaptation.
- Yellow strips, v. Wasps.
- Yohimbine; the effect of the blockade of presynaptic receptors by yohimbine and mianserine on the levels of 4-hydroxy-3-methoxyphenethyleneglycol sulphate (MOPEG-SO) in different brain regions of the rat; influence of mianserine on daily rhythm in MOPEG-SO level, B 922.
- Yolk protein differences between species of *Drosophila*, B 1572.
- Yolk sac erythropoiesis, v. Erythropoiesis.
- Z protein, v. Liver.
- Zearalenone, v. Trichothecenes.
- Zinc; semen electrolytes in normal and infertile subjects. II Zinc, B 1476.
- Zinc sulphate, v. Gastric mucus.
- Zn²⁺ inhibition of liver fructose 1,6-bis-phosphatase activity by Zn²⁺, reversal by imidazole pyruvate, B 704.
- Zona pellucida*, v. Infertile women.

TABLE DES AUTEURS - AUTORENREGISTER
TAVOLA DEGLI AUTORI - INDEX OF AUTHORS
INDICE DE AUTORES - УКАЗАТЕЛЬ ПО АВТОРАМ

A = Generalia · B = Specialia · C = Accedentia

- Aballe, M., v. Cuevas, P., *B* 1506.
Abbott, G. F., and Hawkins, Shirley E., *B* 427.
Abdo, S., v. Schwab, M., *B* 780.
Abdulla, Walied, v. Frey, Rudolf, *A* 963.
Ablin, R. J., v. Bhatti, R. A., *B* 1364.
Abo-Khatwa, N., *B* 559.
Abraham, M., v. Tal, E., *B* 536.
Abrahamsson, S., Hellgren, L., and Vincent, J., *B* 1446.
Abreu, L. A., and Abreu, R. R., *B* 1536.
Abreu, R. R., v. Abreu, L. A., *B* 1536.
Acy, R. A., v. Dabich, Danica, *B* 407.
Acherhmann, H., v. Crippa, M., *B* 937.
Acheson, K. J., Flatt, J. P., and Jéquier, E., *B* 895.
Acheson, N. H., *B* 932.
Acheson, N. H., v. Montandon, P. E., *B* 949.
Achilli, G., v. Algeri, A., *B* 1488.
Acosta, D., Puckett, Marianne, and McMillin, R., *B* 1388.
Acton, J. M., v. Yen, T. T., *B* 1542.
Adachi, H., v. Morishita, H., *B* 1231.
Adamovics, A., v. Howd, R. A., *B* 1310.
Adams, E., Blass, D. A., Harford, J. B., and Adams, J. A., *B* 579.
Adams, J. A., v. Adams, E., *B* 579.
Adams, W. B., Drummond, A. H., and Levitan, I. B., *B* 921.
Adebonojo, F. O., *B* 825.
Adekunle, A. A., Campbell, T. C., and Campbell, S. C., *B* 230.
Adhikary, P. K., Haynes, J. K., Patthey, H. L., and Rhodes, R. S., *B* 804.
Agarwal, N., v. Mahmood, A., *B* 741.
Agostini, A. de, and Cox, J. A., *B* 905.
Agostini, C., *B* 232.
Agostini, A., v. Gerli, G. C., *B* 431.
Agrawal, O. P., and Bahadur, J., *B* 1552.
Aguas, A. P., Soares, J. O., and Moura Nunes, J. F., *B* 1618.
Ahmad, N. S., v. Wani, A. A., *B* 392.
Ahond, A., v. Clastres, A., *B* 973.
Ahrens, R. A., v. Stanton, Marge F., *B* 1182.
Ahuja, M. R., v. Schwab, M., *B* 780.
Aiello, E., v. Stefano, G. B., *B* 749.
Aikawa, E., v. Mato, M., *B* 506.
Aikawa, T., v. Takano, S., *B* 1063.
Ajdačić, V., and Veljković, V., *B* 633.
Ajdačić, V., v. Veljković, V., *B* 639.
Akasaka, K., v. Kagimoto, T., *B* 1092.
Akas, T., Ohta, Y., and Koketsu, K., *B* 488.
Akert, K., v. Hartmann, K., *B* 898.
Akita, T., v. Kawai, K., *B* 977.
Albrecht, R., v. Obrist, R., *B* 660.
Albrecht, W., *B* 905.
Albuquerque, Z. P., v. da Costa e Silva, A., *B* 1465.
Algeri, A., Consolazione, A., Calderini, G., Achilli, G., Puche Canas, E., and Garattini, S., *B* 1488.
Allan, J. A., v. Yen, T. T., *B* 1542.
Allegretti, N., v. Marušić, M., *B* 258, *B* 1355.
Allen, J. P., v. Vaughan, G. M., *B* 1378.
Allen, J. R., v. Warenycia, M. W., *B* 473.
Allet, B., *B* 932, *B* 1658.
Allum, J. H. J., v. Hepp-Reymond, M.-C., *B* 899.
Althaus, F., Sinclair, J. F., Sinclair, P., and Meyer, U. A., *B* 921.
Althoff, J., Quint, P., and Höhling, H. J., *B* 692.
Alva, S., v. Sosa, A., *B* 175.
Alves de Matos, A. P., and Camara e Sousa, R., *B* 1218.
Ammer, D., Budry, R., and Lerch, K., *B* 905.
Amorelli, M., v. Fontana, F., *B* 708.
Amos, T. G., Williams, P., and Semple, R. L., *B* 469.
Anders, A., v. Schwab, M., *B* 780.
Anand Kumar, T. C., v. David, G. F. X., *B* 1067.
Anders, F., v. Schwab, M., *B* 780.
Andersen, K.-J., v. Skagen, D. W., *B* 673.
Anderson, M., *B* 587.
Anderson, M. S., v. Dutton, M. F., *B* 22.
Andersson, R. G. G., v. Wikberg, J. E. S., *B* 737.
Andreata, R., v. Wüthrich, K., *B* 920.
Andres-Trelles, F., v. Martinez-Sierra, R., *B* 1611.
Andrés, I. de, v. Gutiérrez-Rivas, E., *B* 61.
Angioy, A. M., v. Pietra, P., *B* 491.
Angsubhakorn, S., Bhamarapavati, N., Romruen, K., Sahaphong, S., and Thamavit, W., *B* 1069.
Angsubhakorn, S., Bhamarapavati, N., Romruen, K., Sahaphong, S., and Thamavit, *B* 1069.
Anhut, H., Peskar, B. A., Wachter, W., Gräblich, B., and Peskar, B. M., *B* 1494.
Anraku, S., v. Kojima, H., *B* 92.
Anton, R., v. Beretz, A., *B* 1054.
Antoni, G., v. Neri, P., *B* 1293.
Anttila, M., v. Nieminen, L., *B* 1335.
Appleby, D. W., v. Modak, S. P., *B* 949.
Aragoncillo, C., v. Garcia-Olmedo, F., *B* 332.
Arangi, I., v. Panara, F., *B* 983.
Arber, W., Jütte, Helga, Caspers, P., and Iida, S., *B* 1660.
Arber, W., v. Iida, S., *B* 943, *B* 1660.
Arber, W., v. Meyer, J., *B* 948.
Arcamone, F., Bernardi, L., Patelli, B., Giardino, P., Di Marco, A., Casazza, A. M., Soranzo, C., and Pratesi, G., *B* 1255.
Archer, M. C., v. Chau, Irene Y., *B* 1505.
Archer, M. C., v. Yang, H. S., *B* 702.
Arendt, Josephine, v. Wilkinson, M., *B* 667.
Arenson, M. S., v. Nistri, A., *B* 1046.
Arfellini, G., Prodi, G., and Grilli, S., *B* 185.
Argiolas, A., and Fadda, F., *B* 739.
Argiolas, A., v. Concu, A., *B* 375.
Arishima, K., Nakama, S., Morikawa, Y., Hashimoto, Y., and Eguchi, Y., *B* 262.
Arita, I., v. Fujii, K., *B* 237.
Ariyama, T., v. Kawa, A., *B* 814.
Armbruster, R., v. Enz, A., *B* 908.
Arnaud, Ch., and Gottesmann, C., *B* 1584.
Arnaud, M., v. Ravussin, E., *B* 902.
Arnheiter, H., Haller, O., and Lindenmann, J., *B* 1663.
Arnold, E., v. Bozzoni, I., *B* 934.
Arnold, E., v. Spinelli, G., *B* 955.
Arrigo, A.-P., *B* 932.
Arrondo, J. L. R., Sancho, María José, and Macarulla, J. M., *B* 1099.
Arteaga, J. M., v. González, A. G., *B* 554.
Arvanitakis, C., and Folscroft, J., *B* 77.
Asada, M., *B* 511.
Asakawa, Y., Toyota, M., and Takemoto, T., *B* 155, *B* 971.
Asakura, T., v. Koyama, T., *B* 857.
Asotra, K., and Malhotra, R. K., *B* 75.
Assimeh, S. N., and Chapuis, R., *B* 905.
Assimeh, S. N., v. Kratz, H., *B* 913.
Assmann, R., v. Hertel, R., *B* 865.
Assoku, R. K. G., and Tizard, I. R., *B* 127.
Astier, H. S., Daniel, J. Y., and Jallageas, M., *B* 1228.
Astrup, T., v. Wünschmann-Henderson, Barbara, *B* 1288.
Atkinson, J., Peters-Haefeli, L., and Peters, G., *B* 921.
Atreja, S. K., and Ganguli, N. C., *B* 379.
Aubert, M., v. Suard, Y., *B* 955.
Aubery, M., v. Vernay, M., *B* 736.
Avrith, D., v. Wolf, P., *B* 73.
Axelsson, S., and Lynhagen, N., *B* 139.
Baba, A., Tsukamoto, T., Matsuda, T., and Iwata, H., *B* 1139.
Baba, A., v. Matsuda, T., *B* 18.
Baba, S., v. Okuda, J., *B* 563.
Babický, A., v. Ošťádalová, Ivana, *B* 222.
Babior, B. M., v. Dewald, B., *B* 937.
Babiuk, L. A., v. Rouse, B. T., *B* 346.
Babiuk, L. A., v. Warenycia, M. W., *B* 473.
Bach, B., Gregson, R. P., Holland, G. S., Quinn, R. J., and Reichelt, J. L., *B* 688.
Bach, D., Bursuker, I., and Miller, I. R., *B* 717.
Bach, R., v. Buscaglia, M., *B* 936.
Bächi, B., Reiser, J., and Pirrotta, V., *B* 1660.
Bächi, T., v. Lutz, H. U., *B* 914.
Bachmann, K., Konrad, A., Oeldorf, E., and Hemmer, H., *B* 331.
Bachmann, K., v. Hemleben, V., *B* 1452.
Bachmann, P. A., v. Wittek, R., *B* 1664.
Bachofen, H., and Weibel, E. R., *B* 895.
Back, D. J., v. Hiley, C. R., *B* 1061.
Bacon, M. J., v. Bligh, J., *B* 370, *B* 1043.
Baertschi, A. J., Vallet, P., and Girard, J., *B* 895.
Baev, I., v. Benova, D., *B* 876.
Bagadia, Suresh C., v. Thakur, R. S., *B* 158.
Baggiolini, M., v. Dewald, B., *B* 937.
Baggiolini, M., v. Schnyder, J., *B* 956.
Baguley, B. C., *B* 1667.
Bahadur, J., v. Agrawal, O. P., *B* 1552.
Baici, A., Luisi, P. L., Palmieri, S., and Marchesini, A., *B* 905.
Bailey, L., v. van der Weyden, M. B., *B* 531.
Bairati, Jr. A., De Biasi, S., and Pilotto, F., *B* 1636.
Bajusz, S., v. Locatelli, V., *B* 1650.
Baker, P. C., Hoff, K. M., and Buda, R. E., *B* 1521.
Baker, T., v. Vincent-Ablazey, M., *B* 1479.
Balabaud, C., v. Bussière-Lebeuf, C., *B* 628.
Balabaud, C., v. Merle, L., *B* 764.
Balcar, V. J., Borg, J., and Mandel, P., *B* 922.
Balemans, M. G. M., Bary, F. A. M., Legerstee, W. C., and van Benthem, J., *B* 1434.
Balemans, M. G. M., Noordegraaf, E. M., Bary, F. A. M., and van Berlo, M. F., *B* 887.
Bally, P., v. Bogdanov, S., *B* 906.

- Balzarín, Daniela, v. Pessina, A., *B* 1518.
 Bancher, E., v. Macka, W., *B* 602.
 Banerjee, R. K., *B* 1430.
 Banerjee, S., v. Ghosal, S., *B* 1057.
 Banerjee-Chakrabarti, S., v. Ghosal, S., *B* 229.
 Banks, Barbara E.C., Carstairs, Jill R., Ennis, Madeleine, Pearce, F.L., and Vernon, C.A., *B* 1371.
 Bannon, M.J., and Jarboe, C.H., *B* 767.
 Bansal, R.C., v. Kumar, P., *B* 434.
 Banyal, S., v. Rai, V.K., *B* 1148.
 Barakat, H.A., v. Pennington, S.N., *B* 564.
 Baranyai, P., v. Nagy, I., *B* 545.
 Barber, D. Louise, and Scadding, S.R., *B* 1209.
 Barbera, M., v. Fantin, G.P., *B* 661.
 Barberini, L., v. Panara, F., *B* 983.
 Barceló, A.C., v. Kofoed, J.A., *B* 577, *B* 808, *B* 1545.
 Bardakdjian, J., v. Tardy, M., *B* 823, *B* 1137.
 Barde, Y.A., Suda, K., and Thoenen, H., *B* 932.
 Bargetzi, J.P., v. Erard, F., *B* 908.
 Barra, D., v. Petrelli, F., *B* 1481.
 Barrer, P.M., and Hill, R.J., *B* 343.
 Barrigón, S., Tamargo, J., and García de Jalón, P.D., *B* 770.
 Barth, T., v. Lebl, M., *B* 1543.
 Bartosz, G., v. Kędziora, J., *B* 712.
 Bartosz, G., Tannert, Ch., Fried, R., and Leyko, W., *B* 1464.
 Bary, F.A.M., v. Balemans, M.G.M., *B* 887, *B* 1434.
 Bas, S., Favarger, P., and Rous, S., *B* 905.
 Bashamohideen, Md., v. Künnemann, H., *B* 1242.
 Basile, R., v. Benozzati, M.L., *B* 177.
 Bassett, A.L., v. Wiggins, J.R., *B* 1591.
 Bassot, J.M., and Nicolas, M.T., *B* 726.
 Basuchaudhary, K.C., v. Ghosal, S., *B* 229.
 Bata, Jacqueline, Vallier, Paulette, et Colobert, L., *B* 572.
 Battersby, Alan R., *A* 1.
 Bättig, K., v. Classen, W., *B* 923.
 Bättig, K., v. Driscoll, P., *B* 897.
 Bättig, K., v. Füm, H., *B* 898.
 Bättig, K., v. Martin, J.R., *B* 901.
 Bättig, K., v. Schlatter, J., *B* 930.
 Bau, Y.S., v. Wong, Tuen-ye, *B* 513.
 Baumann, F., v. Carreras, J., *B* 896.
 Baumann, I.R., v. Weihe, W.H., *B* 904.
 Baumann, P.A., and Waldmeier, P.C., *B* 922.
 Baumgartner, H.R., v. Kuhn, H., *B* 945.
 Bauml, A., v. Carruthers, C., *B* 788.
 Bautz, E.K.F., v. Rungger-Brändle, E., *B* 954.
 Beacco, E., Bianchi, M.L., Minghetti, A., and Spalla, C., *B* 1291.
 Beadle, D.J., v. Botham, R.P., *B* 207, *B* 209.
 Beard, P., *B* 932.
 Beard, P., and Modak, S.P., *B* 932.
 Beçak, Maria Luiza, Mendes Carneiro, Sylvia, and Fukuda, K., *B* 171.
 Bechtel, E., Salokangas, A., and Eppenberger, U., *B* 932.
 Bechtel, E., v. Fabbro, D., *B* 908.
 Bechter, R., v. Holderegger, Ch., *B* 1386.
 Beck, E.A., v. Perret, B.A., *B* 915.
 Beck, H., v. Srdić, Z., *B* 1572.
 Beck, S., and Pliška, V., *B* 933.
 Begum, Md.R., v. Ramana Rao, K.V., *B* 746.
 Behne, D., Berswordt-Wallrabe, R. von, Elger, W., Hube, G., and Wolters, W., *B* 270.
 Behne, D., Berswordt-Wallrabe, R. von, Elger, W., and Wolters, W., *B* 986.
 Belleruche, J.S. de, v. Das, I., *B* 312.
 Bellucci, A., v. Contestabile, A., *B* 759.
 Benz, G., v. Sieber, R., *B* 1647.
 Benathan, M., Lemarchand-Béraud, T., Gautier, A., and Gardiol, D., *B* 933.
 Bendayan, M., and Ito, S., *B* 933.
 Belin, D., Hedgpeh, J., and Epstein, R.H., *B* 933.
 Bendinelli, M., Matteucci, D., Toniolo, A., and Friedman, H., *B* 1161.
 Benedict, C.R., v. Mishler, J.M., *B* 259.
 Ben-Ishay, Z., Reichert, F., and Sharon, S., *B* 1369.
 Benova, D., and Baev, I., *B* 876.
 Benozzati, M.L., and Basile, R., *B* 177.
 Benson, E.S., v. Hegarty, P.V.J., *B* 1070.
 Bentley, P., v. Friedberg, T., *B* 909.
 Benzonana, G., Campanella, C., and Gabbiani, G., *B* 906.
 Benzonana, G., Dubas, F., Dreifuss, J.J., and Gabbiani, G., *B* 906.
 Béraud, M., v. Pipy, B., *B* 87.
 Bereiter, D.A., and Jeanrenaud, B., *B* 895.
 Beretz, A., Anton, R., and Stoclet, J.C., *B* 1054.
 Berger, C., Kojima, Y., and Kägi, J.H.R., *B* 906.
 Berger, E.G., v. Gerber, A.Ch., *B* 909.
 Bernardi, L., v. Arcamone, F., *B* 1255.
 Bernhard, H.P., v. Regenass, U., *B* 952.
 Bernstein, Ruth A., *B* 1281.
 Berswordt-Wallrabe, R. von, v. Behne, D., *B* 270, *B* 986.
 Berthold, P., *B* 1451.
 Berthoud, H.R., and Jeanrenaud, B., *B* 895.
 Bertolini, A., Genedani, S., and Castelli, M., *B* 771.
 Bertrand, D., Fuortes, G.M., and Muri, R., *B* 895.
 Bessone, R., Segu, L., and Calas, A., *B* 1038.
 Betz, E.H., v. Delrez, M., *B* 1221.
 Beubler, E., and Juan, H., *B* 386.
 Beyhl, F.E., v. Lindner, E., *B* 226.
 Bhamarapravati, N., v. Angsubhakorn, S., *B* 1069.
 Bhatt, D.K., *B* 1549.
 Bhattacharya, S., v. Chakraborti, P., *B* 136.
 Bhatti, R.A., Ablin, R.J., Guinan, P.D., Totonchi, E., and Zamora, S., *B* 1364.
 Bhutani, K.K., v. Singh, H., *B* 557.
 Bianchi, Martha S., v. Lezana, Esther A., *B* 30.
 Bianchi, M.L., v. Beacco, E., *B* 1291.
 Bianchi, N.O., v. Lezana, Esther A., *B* 30.
 Biber, J., Hauser, H., and Semenza, G., *B* 906.
 Bickel, M.H., and Römer, J., *B* 1047.
 Bickel, M.H., v. Gigon, P.L., *B* 924.
 Biedermann, M., v. Geyer, G., *B* 363.
 Biehl, J., v. Holtzer, H., *A* 281.
 Biémont, C., and Bouletreau-Merle, J., *B* 1273.
 Bienz, K., v. Hugentobler, A.-L., *B* 1663.
 Bieri-Bonnot, F., and Schürch, A.R., *B* 933.
 Bieri-Bonnot, F., v. Schürch, A.R., *B* 1667.
 Bieri, J.G., v. Catignani, G.L., *B* 830.
 Bieri, V., v. Maurer, A., *B* 947.
 Biewald, N., and Billmeier, J., *B* 412.
 Billeter, M., v. Mekler, P., *B* 947.
 Billmeier, J., v. Biewald, N., *B* 412.
 Binkley, S., v. Stephens, J.L., *B* 1523.
 Binnington, K.C., v. Stone, B.F., *B* 1173.
 Bircham, P.M.M., v. Edwards, A.V., *B* 1186.
 Bircher, J., v. Müntz, G.J., *B* 927.
 Birnstiel, M., v. Portmann, R., *B* 952.
 Birnstiel, M., v. Spinelli, G., *B* 955.
 Birnstiel, M., v. Boseley, P.G., *B* 934.
 Birnstiel, M., v. Moss, T., *B* 949.
 Biro, Z., v. Steiner, W., *B* 918.
 Bisetti, M.-L., v. Peristany, J.G., *A* 1400, *A* 1415.
 Biswas, N.M., and Koley, A.R., *B* 1652.
 Bitensky, M., v. Schlesinger, D.H., *B* 703.
 Black, H.S., v. Chan, J.T., *B* 110.
 Blanco, S., v. Concu, A., *B* 375.
 Blass, D.A., v. Adams, E., *B* 579.
 Blauenstein, I.E., v. Heizmann, C.W., *B* 38.
 Bligh, J., Silver, A., Bacon, M., and Smith, C.A., *B* 370.
 Bligh, J., Silver, Ann, Smith, C.A., and Bacon, M.J., *B* 1043.
 Blight, Margaret M., King, C.J., Wadhams, L.J., and Wenham, M.J., *B* 1119.
 Block, W., Young, S.R., Conradi-Larsen, E.M., and Somme, L., *B* 1166.
 Bloom, S.R., v. Christofides, N.D., *B* 809.
 Bloom, S.R., v. Edwards, A.V., *B* 1186.
 Bloom, S.R., v. Modlin, I.M., *B* 535.
 Blüm, V., v. Schlaghecke, R., *B* 456, *B* 1019.
 Blumer, A., v. Dübendorfer, A., *B* 938.
 Bobek, P., and Ginter, E., *B* 1554.
 Bodmer, J., v. Zeyer, J., *B* 1671.
 Boeren, E.G., v. Elshohly, M.A., *B* 1127.
 Boesch, Ch., v. Wüthrich, K., *B* 920.
 Bogdanov, S., and Bally, P., *B* 906.
 Böhmer, G., v. Fallert, M., *B* 897.
 Böhnelt, P., *B* 1351.
 Bohuon, C., v. Guerinot, F., *B* 820.
 Bojanovska, V., v. Lebl, M., *B* 1543.
 Bolívar, I., and Haller, G. de, *B* 934.
 Bollag, W., v. Mayer, H., *A* 1105.
 Bollon, A.P., v. Nath, K., *B* 1282.
 Bolton, G.C., and Griffiths, L.A., *B* 1484.
 Bommeli, W., Kihm, U., and Fey, H., *B* 1662.
 Bondi, A., v. Tedeschi, G.G., *B* 458.
 Bonetti, E.P., v. Keller, H.H., *B* 926.
 Bonhomme, F., Martin, S., et Thaler, L., *B* 1140.
 Bonina, M.T., Di Natale, A., Minniti, F., and Ricca, M.B., *B* 1284.
 Bonnard, G.D., Schendel, D.J., Maca, R.D., and Herberman, R.B., *B* 934.
 Bonora, A., and Borea, P.A., *B* 1486.
 Borbély, A.A., and Neuhaus, H.U., *B* 896.
 Borbély, A.A., v. Steigrad, P., *B* 930.
 Borbély, A.A., v. Tobler, I., *B* 930.
 Bordes, M., v. Boutry, J.-L., *B* 415.
 Borea, P.A., v. Bonora, A., *B* 1486.
 Borg, J., v. Balcar, V.J., *B* 922.
 Borgia, R., v. Gabbiani, G., *B* 940.
 Boriskina, G.M., Gulak, P.V., and Postnov, Yu.V., *B* 744.
 Borsook, D., Woolf, C.J., and Vellet, A.D., *B* 70.
 Boseley, P.G., and Birnstiel, M.L., *B* 934.
 Boseley, P.G., v. Moss, T., *B* 949.
 Boseley, P.G., v. Witte, R., *B* 961.
 Bossart, W., Nuss, D., and Paoletti, E., *B* 1665.
 Bosshard, H., v. Haselbacher, G., *B* 941.
 Bosshard, H.R., v. Rieder, R., *B* 916.
 Botham, R.P., Beadle, D.J., Hart, R.J., Potter, C., and Wilson, R.G., *B* 207, *B* 209.
 Bottecchia, D., v. Fantin, G.P., *B* 661.
 Botton, B., *B* 1005.
 Bouletreau-Merle, J., v. Biémont, C., *B* 1273.
 Bourn, W.M., v. McGree, D.H., *B* 873.
 Bourrillon, R., v. Vernay, M., *B* 736.
 Bousquet, A., v. Ghosh, A.C., *B* 819.
 Boutry, J.-L., et Bordes, M., *B* 415.
 Bowery, N.G., Collins, J.F., Hudson, A.L., and Neal, M.J., *B* 1193.
 Bowes, J.B., v. Brown, J., *B* 501.
 Boyd, W.H., Peters, A., and Morris, G., *B* 1090.
 Bozzoni, I., Melli, M., Spinelli, G., and Arnold, E., *B* 934.
 Bradley, R., and Maisel, H., *B* 470.
 Bradley, R., v. Maisel, H., *B* 352.
 Brambilla, P., v. Pessina, A., *B* 1518.
 Brambilla, R., v. Horisberger, M.A., *B* 942, *B* 1664.
 Brändle, E., v. Lutz, W.K., *B* 1609.
 Branford White, C.J., *B* 1036.
 Braselmann, H., Osswald, Ulrike, Wenzelides, K., and Seidler, E., *B* 1478.
 Braun, R., and Seebeck, T., *B* 1670.
 Braun, R., v. Gassel, W.D., *B* 765.

- Braun, R., v. Hall, L., *B* 941.
 Braun, R., v. Seebeck, T., *B* 955.
 Braun, R., v. Stalder, J., *B* 957.
 Bräunlich, H., v. Stopp, M., *B* 1493.
 Braunschweiger, P. G., v. Okunewick, J. P., *B* 108.
 Brenner, H. R., *B* 896.
 Bretz, U., *B* 934.
 Briner, U., v. Flückiger, E., *B* 1330.
 Britton-Davidian, J., Ruiz Bustos, A., Thaler, L., and Topal, M., *B* 1144.
 Brodbeck, U., v. Römer, C., *B* 916.
 Brodie, D. A., and Halcrow, K., *B* 1297.
 Broertjes, J. J. S., and Posthuma, G., *B* 1243.
 Bromley, P. A., Spahr, P. F., and Darlix, J. L., *B* 934.
 Bromley, P. A., v. Darlix, J. L., *B* 937.
 Bron, C., v. Granato, D., *B* 910.
 Bron, C., v. Gross, N., *B* 910.
 Bronstein, W. W., v. Knull, H. R., *B* 1133.
 Brooks, Marion A., v. Hou, R. F., *B* 465.
 Brown, D., and Illic, V., *B* 935.
 Brown, D. J., v. Maskarinec, M. P., *B* 88.
 Brown, J., Lewis, Vivien, Brown, M. W., Horn, G., and Bowes, J. B., *B* 501.
 Brown, J. E., v. Coles, J. A., *B* 896.
 Brown, M. W., v. Brown, J., *B* 501.
 Brown, P. A., and Carman, J. B., *B* 1039.
 Bruggmann, S., and Lutz, H., *B* 906.
 Bruley, D. F., v. Koyama, T., *B* 857.
 Brullé, D., v. Giudicelli, Y., *B* 161.
 Brune, G. G., v. Rolf, R. H., *B* 74.
 Brune, K., and Hecker, E., *B* 922.
 Brunner, H., v. Schiefer, H.-G., *B* 1011.
 Brunner, W., and Leisinger, Th., *B* 1671.
 Brunold, Chr., v. Fankhauser, H., *B* 939.
 Brunsman, M. J. A., v. Seydoux, J., *B* 902.
 Bucci-Innocenti, Stefania, Lascialfari, Donella, Ragghianti, Matilde, and Mancino, G., *B* 1002.
 Bucher, Franziska, v. Drummond, A. H., *B* 923.
 Büchi, K. A., *B* 907.
 Buchmüller, Y., and Mauel, J., *B* 935.
 Buchwald, N. A., v. Hull, C. D., *B* 925.
 Buckhout, T. J., v. Cherry, J. M., *B* 1433.
 Buda, R. E., v. Baker, P. C., *B* 1521.
 Budry, R., v. Ammer, D., *B* 905.
 Bundi, A., v. Wüthrich, K., *B* 920.
 Burckhardt, J. J., Walser, J. T., and Guggenheim, B., *B* 935.
 Burckhardt, P., v. Solanki, K., *B* 918.
 Burckhardt, Ruth, and Peters, G., *B* 922.
 Bürcky, K., Gemmrich, A., and Schraudolf, H., *B* 718.
 Burger, M. M., v. Burkart, W., *B* 935.
 Burger, M. M., v. Levy, D., *B* 914.
 Bürgisser, E., Eberle, A., and Schwyzer, R., *B* 935.
 Bürgisser, E., Haller, H., and Schwyzer, R., *B* 935.
 Bürk, R. R., v. Leuthard, P., *B* 945.
 Bürk, R. R., v. Stocker, M., *B* 958.
 Burkard, W. P., *B* 922.
 Burkard, W., v. Pieri, M., *B* 928.
 Burkart, T., Siegrist, H. P., Herschkowitz, N., and Wiesmann, U., *B* 907.
 Burkart, T., v. Siegrist, H. P., *B* 917.
 Burkart, W., Jockusch, H., and Burger, M. M., *B* 935.
 Burkhalter, A., Streit, P., Stella, M., and Cuénod, M., *B* 896.
 Bürkli, A., and Cherry, R. J., *B* 907.
 Bürki, K., and Sheridan, W., *B* 936.
 Bürki, K., Sordat, B., and Odarichenko, N., *B* 936.
 Burnett, R. E., v. Sherry, C. J., *B* 492.
 Burns, J. T., and Meier, A. H., *B* 607.
 Burns, R. G., Gregory, Lindsay J., Lethbridge, G., and Pettit, N. M., *B* 301.
 Bursuker, I., v. Bach, D., *B* 717.
 Burton, D., *B* 140.
 Buscaglia, M., Bach, R., and Scalenghe, F., *B* 936.
 Bussière-Lebœuf, C., Merle, L., Dangoumau, J., and Balabaud, C., *B* 628.
 Busslinger, M., v. Portmann, R., *B* 952.
 Busto, R., v. Schwartzman, R. J., *B* 1175.
 Büttler, R., v. Frater-Schröder, M., *B* 909.
 Büttner-Ennever, J. A., v. Lang, W., *B* 901.
 Büttner, U., v. Lang, W., *B* 901.
 Bykova, G. V., Vasilyeva, I. A., and Gileva, E. A., *B* 1146.
 Cabbat, Felicitas S., v. Heikkilä, R. E., *B* 1553.
 Caccamese, S., and Rinehart, Jr., K. L., *B* 1129.
 Cafieri, F., De Napoli, I., Iengo, A., and Santacroce, C., *B* 300.
 Cailloux, M., Phan, C. T., and Chung, Y. S., *B* 730.
 Calas, A., v. Bessone, R., *B* 1038.
 Calasso, M., v. Cianci, T., *B* 896.
 Caldera, P. G., v. Fanelli, R., *B* 1126.
 Calderini, G., v. Algeri, A., *B* 1488.
 Calderon, J. S., Quijano, L., and Rios, T., *B* 421.
 Callebaut, M., *B* 651, *B* 1241.
 Calvaruso, G., v. Tesoriere, G., *B* 1268.
 Calzada, L., v. Sosa, A., *B* 175.
 Camara e Sousa, R., v. Alves de Matos, A. P., *B* 1218.
 Cambar, J., et Gendre, Ph., *B* 371.
 Cambar, J., Piquet, Y., Montoriol, J., et Mesnier, Y., *B* 747.
 Cambier, D., and Labbé, J. P., *B* 1384.
 Camenzind, R., v. Went, D. F., *B* 1641.
 Campanella, C., v. Benzonana, G., *B* 906.
 Campbell, M. D., Jaques, Jr. S., and Gala, R. R., *B* 1522.
 Campbell, M., v. Kashyap, M. L., *B* 1044.
 Campbell, S. C., v. Adekunle, A. A., *B* 230.
 Campbell, T. C., v. Adekunle, A. A., *B* 230.
 Candardjis, Ph., v. Heumann, D., *B* 911.
 Canguilhem, B., v. Kempf, E., *B* 1032.
 Cano, J., Roza, C., and Rodríguez-Echandia, E. L., *B* 1290.
 Cao, T. P., and Rous, S., *B* 907.
 Capanna, E., v. Cataudella, S., *B* 999.
 Čapek, K., v. Kuneš, J., *B* 753.
 Carafoli, E., v. Niggli, Verena, *B* 1136.
 Carafoli, E., v. Salzmann, M., *B* 917.
 Caratsch, C. G., v. Mondadori, C., *B* 901.
 Caravatti, M., Perriard, J. C., and Eppenberger, H. M., *B* 936.
 Carbonero, P., v. García-Olmedo, F., *B* 332.
 Carcassi, A. M., v. Concu, A., *B* 375.
 Cardot, J., *B* 1261.
 Cariello, L., De Nicola Giudici, M., Zanetti, L., and Protà, G., *B* 1427.
 Carl, P., v. Rabes, H. M., *B* 1510.
 Carman, J. B., v. Brown, P. A., *B* 1039.
 Carmann, H., v. Wintzer, G., *B* 255.
 Carmichael, S. W., and Smith, D. J., *B* 391.
 Caro, L., Chandler, M., Silver, L., and Lane, D., *B* 1659.
 Caro, L., v. Frey, J., *B* 1666.
 Carpentier, J.-L., Gorden, P., Freychet, P., Le Cam, A., and Orci, L., *B* 936.
 Carr, I., v. Lobo, A., *B* 1088.
 Carrascosa, J. L., *B* 936.
 Carrascosa, J. L., and Steven, A. C., *B* 1666.
 Carrascosa, J. L., v. Steven, A. C., *B* 958.
 Carrel, S., v. Heumann, D., *B* 911.
 Carreras, J., and Baumann, F., *B* 896.
 Carruba, M. O., Picotti, G. B., and Da Prada, M., *B* 923.
 Carruthers, C., Baumler, A., and Pauly, S., *B* 788.
 Carstairs, Jill R., v. Banks, Barbara E. C., *B* 1371.
 Casado, S., v. López-Novoa, J. M., *B* 216.
 Casazza, A. M., v. Arcamone, F., *B* 1255.
 Casinovi, C. G., Grandolini, G., Radics, L., and Rossi, C., *B* 298.
 Caspers, P., v. Arber, W., *B* 1660.
 Castelli, M., v. Bertolini, A., *B* 771.
 Castillo, J., del, v. Zuazaga de Ortiz, C., *B* 1033.
 Castracane, V. D., and Rothchild, I., *B* 131.
 Castrillón, M. A., v. Sabag, N., *B* 666.
 Castro, A. J., v. Dunn, J. D., *B* 1588.
 Catapanè, E. J., v. Haley, J. E., *B* 210.
 Cataudella, S., Sola, Luciana, and Capanna, E., *B* 999.
 Cathieni, M., v. Taban, C. H., *B* 958.
 Catignani, G. L., and Bieri, J. G., *B* 830.
 Cavatorta, A., v. Franchini, I., *B* 250.
 Cavatorta, P., Crippa, P. R., and Tosi, A. M., *B* 849.
 Cecchi, L., De Santis, A., Eusebi, F., and Curatolo, A., *B* 1472.
 Cerami, A., v. Stevens, V. J., *B* 918.
 Cerana, R., v. Rasi-Caldogno, F., *B* 841.
 Cerny, C., v. Hinterberger, W., *B* 860.
 Chabora, P. C., and Kessler, M. E., *B* 836.
 Chakrabarti, A., v. Chakrabarti, S., *B* 1271.
 Chakrabarti, D. K., v. Ghosal, S., *B* 229, *B* 1057.
 Chakrabarti, S., and Chakrabarti, A., *B* 1271.
 Chakrabarty, P. K., *B* 47, *B* 438.
 Chakrabarty, B., v. Pakrashi, Anita, *B* 1377.
 Chakraborti, P., and Bhattacharya, S., *B* 136.
 Chakravarty, T., v. Chatterjee, T., *B* 562.
 Chambers, W. T., v. Kuwahara, St. S., *B* 532.
 Chan, A. K., v. Frederick, E. C., *B* 372.
 Chan, J. T., and Black, H. S., *B* 110.
 Chandhary, L. R., Ya. Kon', I., and Pokrovsky, A. A., *B* 991.
 Chandler, M., v. Caro, L., *B* 1659.
 Chandra, S., v. Khanna, K. K., *B* 1167.
 Chandra Sekara Reddy, D., Jayaram, V., Sowjanya, K., and Padmanabha Naidu, B., *B* 606.
 Chandra Sekara Reddy, D., v. Jayaram, V., *B* 1184.
 Chang, Y.-S., v. Eberle, A., *B* 938.
 Chapco, W., and Fuzeau-Braesch, S., *B* 623.
 Chaponnier, C., v. Gabbiani, G., *B* 940.
 Chaponnier, C., v. Prentki, M., *B* 916.
 Chapuis, R., v. Assimeh, S. N., *B* 905.
 Chapuis, R. M., v. Kratz, H., *B* 913.
 Chapuis, Rose Marie, v. Odink, K., *B* 950.
 Chappuis, E., v. Modak, S. P., *B* 949.
 Charollais, E. J., *B* 907.
 Chatagner, Fernande, v. Loriette, C., *B* 981.
 Chatterjee, A. K., v. Chowdhury, A. R., *B* 494, *B* 1327.
 Chatterjee, B. P., Chatterjee, S., and Uhlenbruck, G., *B* 531.
 Chatterjee, S., v. Chatterjee, B. P., *B* 531.
 Chatterjee, T., Maitra, D., Chakravarty, T., and Datta, A. G., *B* 562.
 Chatterjee, T. K., Spadaro, J. A., and Vook, R. W., *B* 1635.
 Chattopadhyay, B. K., v. Ghosal, S., *B* 1057.
 Chau, Irene Y., and Archer, M. C., *B* 1505.
 Chaudhuri, R. K., *B* 735.
 Chaudhuri, M. F. B., v. Denlinger, D. L., *B* 1296.
 Chavin, W., v. Chen, Y. M., *B* 20, *B* 21.
 Chegwidden, R., Rogers, H. J., and Spector, R. G., *B* 497.
 Chen, C. Y., v. Kashyap, M. L., *B* 1044.
 Chen, P. S., v. Egg, A. H., *B* 938.
 Chen, W. F., Duckett, S., and Goldsmith, H. S., *B* 855.
 Chen, Y. M., and Chavin, W., *B* 20, *B* 21.
 Cherkovich, G. M., v. Kuneš, J., *B* 753.
 Chern, S. I., v. Lin, M. T., *B* 1595.
 Chern, Y. F., v. Lin, M. T., *B* 1595.
 Chernenko, G. A., v. West, R. W., *B* 1082.
 Cherry, J. M., Buckhout, T. J., and Morrè, D. J., *B* 1433.

- Cherry, R.J., v. Bürkli, A., *B* 907.
 Cherry, R.J., v. Müller, U., *B* 915.
 Cherry, R.J., v. Nigg, E., *B* 915.
 Chetty, K.G., Netrawali, M.S., and Pradhan, D.S., *B* 32.
 Chew, E.C., *B* 1086, *B* 1508.
 Chhina, G.S., v. Garg, S.K., *B* 1237.
 Chia, W.Y., v. Lin, M.T., *B* 756.
 Chiabrande, C., v. Fanelli, R., *B* 1126.
 Chinnet, A., v. Friedli, C., *B* 898.
 Chipko, Bernadette, R., v. Corbett, M.D., *B* 1125.
 Chiquet, M., v. Puri, E.C., *B* 952.
 Chmelaf, V., v. Stoklasová, A., *B* 870.
 Cho, C.H., and Ogle, C.W., *B* 90, *B* 1294.
 Chopra, A.K., Jain, S.K., Vinayak, V.K., and Khuller, G.K., *B* 1457.
 Chowdhury, A.R., Deshmukh, M.B., Nashikkar, A.B., Raghuvveeran, C.D., and Chatterjee, A.K., *B* 494.
 Chowdhury, A.R., Deshmukh, M.B., Raghuvveeran, C.D., Nashikkar, A.B., and Chatterjee, A.K., *B* 1327.
 Chowdhury, Vijay, v. Popham, E.J., *B* 1152.
 Christ, B., Jacob, H.J., and Jacob, M., *B* 241, *B* 514.
 Christen, P., v. Eichele, G., *B* 908.
 Christofides, N.D., and Bloom, S.R., *B* 809.
 Christopher, J.P., Millar, D.B., and Grafius, Melba A., *B* 689.
 Christopher, J.P., v. Kothari, R.M., *B* 160.
 Chu, F.S., v. Ueno, I., *B* 85.
 Chung, H.-M., v. Malacinski, G.M., *B* 883.
 Chung, Y.S., v. Cailoux, M., *B* 730.
 Chung, Y.S., v. Hamelin, C., *B* 1578.
 Cianci, T., Calasso, M., Zamboni, G., Perez, E., and Parmeggiani, P.L., *B* 896.
 Ciani, A., v. Pistoi, V., *B* 1453.
 Ciesla, M., v. Salzarulo, L.M., *B* 1382.
 Cimino, G., De Stefano, S., Minale, L., and Trivellone, E., *B* 1425.
 Ciroto, C., v. Panara, F., *B* 983.
 Civelli, O., Vincent, A., and Scherer, K., *B* 936.
 Clarke, R.J., v. Harrison, J.M., *B* 698.
 Clarkson, S., v. Kressmann, A., *B* 944.
 Clarkson, S.G., v. Müller, F., *B* 950.
 Classen, W., and Bättig, K., *B* 923.
 Clastres, A., Ahond, A., Poupot, C., Potier, P., et Intès, A., *B* 973.
 Clausell, D.E., and Soliman, K.F.A., *B* 410.
 Claustat, B., v. Morel, G., *B* 1525.
 Clegg, J.S., Zettlemoyer, A.C., and Hsing, H.H., *B* 734.
 Clerc, R., v. Kressmann, A., *B* 944.
 Cocchi, Daniela, v. Locatelli, V., *B* 1650.
 Cochran, M., *B* 719.
 Coderoni, S., v. Petrelli, F., *B* 193, *B* 1481.
 Cogoli, A., v. Wächter, D., *B* 960.
 Cohen, G., v. Heikkilä, R.E., *B* 1553.
 Cole, Jr, T.W., v. Han, P.F., *B* 704.
 Coleman, R., and Silbermann, M., *B* 1049.
 Coles, J.A., and Brown, J.E., *B* 896.
 Coles, J.A., v. Tsacopoulos, M., *B* 903.
 Collao, C., v. Tchernitchin, A., *B* 134.
 Collins, J.F., v. Bowery, N.G., *B* 1193.
 Colobert, L., v. Bata, Jacqueline, *B* 572.
 Colonna Cuffaro, F., *B* 1565.
 Comunetti, A.M., *B* 889.
 Concu, A., Carcassi, A.M., Piras, M.B., Blanco, S., and Argiolas, A., *B* 375.
 Conradi-Larsen, E.M., v. Block, W., *B* 1166.
 Conscience, J.-F., v. Richter, C., *B* 953.
 Consolazione, A., v. Algeri, A., *B* 1488.
 Constantinou, C.E., Neubarth, J.L., and Mensah-Dwumah, Monica, *B* 614.
 Content, J., v. Horisberger, M.A., *B* 942.
 Contestabile, A., Ercolessi, M., and Bellucci, A., *B* 759.
 Cook, D.E., *B* 315.
 Cook, J.R., v. Long, G.L., *B* 567.
 Cook, N.D., *B* 419.
 Corbett, M.D., and Chipko, Bernadette R., *B* 1125.
 Corbin, A., *B* 813.
 Corneo, G., *B* 1141.
 Cornic, M., v. Vernay, M., *B* 736.
 Cornu, M., v. Joky, A., *B* 547.
 Corrochano, G., v. DeFeudis, F.V., *B* 1169.
 Corsi, A., v. Granata, A.L., *B* 591.
 Cosquer-Clavreul, C., v. Pasqualini, J.R., *B* 268.
 Costales, M., v. Vijande, M., *B* 742.
 Couteaux, Beatrice, v. Deconinck, M., *B* 569.
 Couture, Evelyn, v. Driel, R. van, *B* 938.
 Cox, J.A., v. Agostini, A. de, *B* 905.
 Cox, J.A., v. Wnuk, W., *B* 920.
 Cramer, R., v. Kieser, T., *B* 1668.
 Cretaz, M., and Jeanrenaud, B., *B* 907.
 Crifò, C., v. Finazzi-Agrò, A., *B* 181.
 Crippa, M., Achermann, H., and Rungger, D., *B* 937.
 Crippa, M., v. Mermod, J.J., *B* 948.
 Crippa, P.R., v. Cavatorta, P., *B* 849.
 Crnjari, R., v. Pietra, P., *B* 491.
 Croisy, A., v. Schwind, H., *B* 918.
 Croitoru, N., v. Ishay, J.S., *B* 340.
 Croitoru, N., v. Perna, B., *B* 1022.
 Cruthers, L.R., Haugwitz, R.D., Haslanger, M., Maurer, B.V., Watrous, J., and Linkenheimer, W.H., *B* 1574.
 Cruz, C., v. Paula-Barbosa, M.M., *B* 100.
 Csaba, G., v. Sudár, F., *B* 416.
 Cuendet, P.A., v. Kopp, F., *B* 913.
 Cuénod, M., v. Burkhalter, A., *B* 896.
 Cuénod, M., v. Streit, P., *B* 903.
 Cuevas, P., and Aballe, M., *B* 1506.
 Cullen, M.J., v. Weaving, J.N., *B* 796.
 Culo, F., v. Marušić, M., *B* 258, *B* 1355.
 Curatolo, A., v. Cecchi, L., *B* 1472.
 Curnutte, J.T., v. Dewald, B., *B* 937.
 Currell, D.L., Young, D., and Olea, J., *B* 439.
 Curtis, P., Tilgham, S., Tiemeier, D., Leder, P., and Weissmann, C., *B* 937.
 Curtius, H.-Ch., v. Zagalak, B., *B* 1537.
 Cutts, J.H., v. Krause, W.J., *B* 405.
 Dabich, Danica, Hazlett, Linda D., and Acey, R.A., *B* 407.
 Dabrowski, K., *B* 1263.
 da Costa e Silva, A., and Albuquerque, Z.P., *B* 1465.
 Dahlbom, R., v. Ringdahl, B., *B* 1334.
 Dahlin, K.J., v. Hegarty, P.V.J., *B* 1070.
 Dainat, J., et Rebière, A., *B* 264.
 Dangoumau, J., v. Bussière-Lebœuf, C., *B* 628.
 Dangoumau, J., v. Merle, L., *B* 764.
 Daniel, J.Y., v. Astier, H.S., *B* 1228.
 Danieli Betto, D., and Midrio, M., *B* 55.
 Danieli Betto, D., Volpin, L., and Midrio, M., *B* 1582.
 Daniels, P.J.L., v. Panitz, E., *B* 733.
 Däniken, A. von, v. Lutz, H.U., *B* 914.
 Danisi, G., Salamin, A., and Straub, R.W., *B* 897.
 Dantzer, R., *B* 81.
 Da Prada, M., and Picotti, G.B., *B* 928.
 Da Prada, M., and Zürcher, G., *B* 928.
 Da Prada, M., v. Carruba, M.O., *B* 923.
 Da Prada, M., v. Keller, H.H., *B* 926.
 Da Prada, M., v. Lorez, H.P., *B* 663, *B* 926.
 D'Arcy, P.F., v. McElroy, J.C., *B* 1320.
 Darlix, J.L., Bromley, P.A., and Spahr, P.F., *B* 937.
 Darlix, J.L., v. Bromley, P.A., *B* 934.
 Das, G.D., and Hallas, B.H., *B* 1304.
 Das, I., and Belleruche, J.S. de, *B* 312.
 Das, N.C., and Das, P.B., *B* 976.
 Das, P.B., v. Das, N.C., *B* 976.
 Das, P.K., v. Srivastava, C.B.L., *B* 1345.
 Das, S., v. Das, V.K., *B* 541.
 Das, V.K., and Das, S., *B* 541.
 Daskalov, D., and Gavasova, I., *B* 522.
 Datta, A.G., v. Chatterjee, T., *B* 562.
 David, G.F.X., and Anand Kumar, T.C., *B* 1067.
 David, J.R., v. Van Herrewewe, J., *B* 163.
 Davies, A., and Kohl, J., *B* 897.
 Davies, J.E.W., Ellery, P.M., Heyworth, P.G., and Hughes, R.E., *B* 429.
 Davis, B.K., *B* 350.
 Davis, R.H., Meyers, B.E., Moonka, D.K., Melnicoff, R.H., and Platt, H.A., *B* 184.
 Davis, T.A., v. Ghosh, S.S., *B* 348.
 Deák, I.I., *B* 937.
 Deák, I.I., v. Dübendorfer, A., *B* 938.
 De Biasi, S., v. Bairati, Jr, A., *B* 1636.
 Deconinck, M., Couteaux, Beatrice, Looze, Y., Gillet, Liliane, Polastro, E., and Leonis, J., *B* 569.
 Deconinck, M., v. Looze, Y., *B* 1017.
 DeFeudis, F.V., *B* 1314.
 DeFeudis, F.V., Orensanz Muñoz, L.M., Vidal, M.A., Corrochano, G., and Sanchez del Alamo, M., *B* 1169.
 DeFeudis, F.V., v. del Pozo, F., *B* 1302.
 DeFeudis, F.V., v. Garcia-Gracia, M., *B* 227.
 De Gier, J., v. Palatini, P., *B* 1580.
 Dekanić, Darinka, *B* 1313.
 De Kruijff, B., v. Palatini, P., *B* 1580.
 DeLamar, J.F., Monckton, P., Stoye, J., Schumann, G., and Moroni, Ch., *B* 945.
 de la Torre, C., v. Selman, A., *B* 1455.
 Delbecq, J.P., Diehl, P.A., and O'Connor, J.D., *B* 1379.
 del Castillo, J., v. Toro-Goyco, E., *B* 1131.
 Delini-Stula, A., v. Radeke, E., *B* 929.
 del Pozo, F., DeFeudis, F.V., and Jimenez, J.M., *B* 1302.
 Del Prete, Paola, v. Tedeschi, G.G., *B* 596.
 Delrez, M., Ikeh, V., Maisin, J.R., Mattelin, G., Haot, J., and Betz, E.H., *B* 1221.
 Del Rio, A.G., and Raisman, Rita, *B* 670.
 DeLuca, C., v. Gong, J.K., *B* 672.
 Demain, A.L., v. Ghosh, A.C., *B* 819.
 Demco, D., v. Vasilescu, V., *B* 1443.
 Demidenko, O.Je., v. Erenpreiss, J.G., *B* 882.
 De Napoli, I., v. Cafieri, F., *B* 300.
 Denburg, J.L., and Whittington, P.M., *B* 252.
 De Nicola Giudici, M., v. Cariello, L., *B* 1427.
 Denlinger, D.L., Chaudhury, M.F.B., and Dhadialla, T.S., *B* 1296.
 De Potter, W.P., v. Fraeyman, N.H., *B* 1210.
 DePreter, J., v. Looze, Y., *B* 1017.
 D'Errico, M., v. Franchini, I., *B* 250.
 De Santis, A., v. Cecchi, L., *B* 1472.
 De Santis, M., v. Franchini, I., *B* 250.
 De Schaepdryver, A.F., v. Fraeyman, N.H., *B* 1210.
 Deschaux, P., v. Morel, G., *B* 1525.
 Desgranges, J.-C., v. Chowdhury, A.R., *B* 494, *B* 1327.
 Deshusses, J., v. Evêquoz, V., *B* 897.
 Deshusses, J., v. Fournier, N., *B* 909.
 Deshusses, J., v. Gruenberg, J., *B* 910.
 De Sousa, R.C., v. Grosso, A., *B* 593, *B* 898.
 Dessi, M.R., v. Finazzi-Agrò, A., *B* 181.
 De Stefano, S., v. Cimino, G., *B* 1425.
 Deuchar, Elizabeth M., *B* 84.
 Devaud, M., v. Kayser, F.H., *B* 1659.
 Devidé, Z., v. Papeš, Dražena, *B* 1016.
 Dewald, B., Baggiolini, M., Curnutte, J.T., and Babior, B.M., *B* 937.
 Dewald, B., v. Schnyder, J., *B* 956.
 Dhadialla, T.S., v. Denlinger, D.L., *B* 1296.
 Dhaliwal, H.S., and King, P.J., *B* 937.
 Dhariwal, K.R., and Venkitasubramanian, T.A., *B* 303.
 Dhinra, S., v. Malhotra, R.K., *B* 1206.
 Diaz de la Guardia, R., and Pretel, A., *B* 706.

- Diaz de la Guardia, G.R., v. Pretel, M.A., *B* 325.
- Dick, C.E., v. Ghadially, F.N., *B* 1212.
- Dickens, J.C., and Payne, T.L., *B* 463.
- Dicker, J.W., v. Oulevey, N., *B* 840.
- Diehl, P.A., v. Delbecque, J.P., *B* 1379.
- Diem, S., v. Jakob, A., *B* 912.
- Dierks-Ventling, C., Stalder, J., and Ohno, T., *B* 938.
- Dieterlen-Lièvre, Françoise, *A* 284.
- Diggelmann, Heidi, v. Klemenz, R., *B* 944.
- Dillier, N., v. Olpe, H.-R., *B* 927.
- Di Marco, A., v. Arcamone, F., *B* 1255.
- Di Meglio, M., and Rastogi, R.K., *B* 267.
- Dimuzio, M.T., and Fleisch, H., *B* 908.
- Di Natale, A., v. Bonina, M.T., *B* 1284.
- Dinse, H.R.O., v. Fallert, M., *B* 897.
- Diserens, A.-C., v. Martin-Achard, A., *B* 914.
- Divakar, B. Julius, v. Judson, P., *B* 817.
- Divakaran, P., *B* 1540.
- Dixit, S.N., v. Misra, S.B., *B* 1442.
- Dixit, S.N., v. Tripathi, R.D., *B* 51.
- Dixon, A.K., *B* 923.
- Dlugovitzky, Diana G., v. Scharovsky, Graciela O., *B* 1366.
- Döbeli, H., and Nüesch, J., *B* 1668.
- Doepfner, W., v. Flückiger, E., *B* 1330.
- Doherty, R.A., Gates, A.H., Sewell, C.E., and Freer, C., *B* 871.
- Dohm, G.L., v. Pennington, S.N., *B* 564.
- Dolder, Heidi, and Mello, Maria Luiza S., *B* 794.
- Doležel, S., v. Kučerová, V., *B* 403.
- Dolivo, M., v. Matthieu, J.-M., *B* 915.
- Donati, M.B., v. Reyers, I., *B* 664.
- Donatsch, P., v. Zwahlen, R., *B* 962.
- Donovan, D.H., and Menzel, D.B., *B* 775.
- Dorer, F.E., Stewart, J.M., and Ryan, J.W., *B* 1436.
- Dörner, A., v. Ravussin, E., *B* 902.
- Douglas, J.F., and Hohing, T.L., *B* 499.
- Douglass, L.W., v. Stanton, Marge F., *B* 1182.
- Dowling, J., v. McLean, A.J., *B* 236.
- Dray, A., and Oakley, N.R., *B* 68.
- Dray, F., v. Gulati, O.P., *B* 772.
- Dreifuss, J.J., v. Benzonana, G., *B* 906.
- Dreifuss, J.J., v. Tribollet, E., *B* 903.
- Drewes, Patricia A., Kamp, A.O., and Winkelman, J.W., *B* 316.
- Dreyer, J.L., v. Jörg, A., *B* 1654.
- Driel, R. van, and Couture, Evelyn, *B* 938.
- Driscoll, P., Woodson, P., and Bättig, K., *B* 897.
- Driscoll, P., v. Füm, H., *B* 898.
- Drummond, A.H., Bucher, Franziska, and Levitan, I.B., *B* 923.
- Drummond, A.H., v. Adams, W.B., *B* 921.
- Dubas, F., v. Benzonana, G., *B* 906.
- Dubecz, E., v. Pogátsa, G., *B* 1600.
- Dübendorfer, A., Blumer, A., and Deák, I.L., *B* 938.
- Dubey, D.P., v. Gulati, P.K., *B* 396.
- Duborgel, Françoise, v. Seigneux, M. de, *B* 955.
- Duckett, S., v. Chen, W.F., *B* 855.
- Duijn, Jr. C. van, *B* 1102.
- Dumas, M., Schwab, M., and Thoenen, H., *B* 938.
- Dumont, F., *B* 125.
- Dumpert, K., *B* 754.
- Duncan, C.J., *A* 1531.
- Dunn, J.D., Castro, A.J., and McNulty, J.A., *B* 1588.
- Dunnette, J., v. Weinshilboum, R.M., *B* 310.
- Durand, J., *B* 1073.
- Durst-Živković, B., *B* 1343.
- Dutler, H., v. Leeuw, S.A.J. de, *B* 913.
- Dutton, M.F., and Anderson, M.S., *B* 22.
- Dysli, M., v. Odartchenko, N., *B* 950.
- Eberle, A., Schwyzler, R., and Chang, Y.-S., *B* 938.
- Eberle, A., v. Bürgisser, E., *B* 935.
- Ebersold, H.R., Lüthy, P., Geiser, P., and Ettlinger, L., *B* 1672.
- Eberstein, A., Goodgold, J., and Johnston, R., *B* 1607.
- Echarti, Christine, v. Iida, S., *B* 1660.
- Edelman, I.S., v. Scholer, D.W., *B* 918.
- Edelstein, E.L., v. Segal, M., *B* 629.
- Edmonds, J., v. Nakatsu, K., *B* 318.
- Edwards, A.V., Bircham, P.M.M., Mitchell, S.J., and Bloom, S.R., *B* 1186.
- Egg, A.H., Kubli, E., and Chen, P.S., *B* 938.
- Egg, A.H., v. Kubli, E., *B* 945.
- Eguchi, Y., v. Arishima, K., *B* 262.
- Ehrlich, K., and Murray, M., *B* 179.
- Eichele, G., Ford, G.C., Gior, M., Reimer, A.-S., Thaller, C., Jansonius, J.N., Gasser, A., Hausner, U., Karabelnik, D., Stötzl, R., Wilson, K.J., and Christen, P., *B* 908.
- Eichenberger-Glinz, S., *B* 938.
- Eiden, L.E., and Ruth, J.A., *B* 1062.
- Eigenmann, R., Gerold, M., and Haeusler, G., *B* 923.
- Eigenmann, R., v. Gerold, M., *B* 924.
- Eisner, T., v. Wiemer, D.F., *B* 969.
- Ekström, Jörgen, *A* 1247.
- Elger, W., v. Behne, D., *B* 270, *B* 986.
- El-Hage, A., v. Smith, D.C., *B* 1027.
- Elizur, A., v. Eshel, Y., *B* 212.
- Ellery, P.M., v. Davies, J.E.W., *B* 429.
- Ellington, W.R., v. Long, G.L., *B* 567.
- Ellington, W.R., v. Sastry, A.N., *B* 308.
- Elliott, M.C., v. Weston, G.D., *B* 468.
- El Shatoury, H., *B* 448.
- Elsobly, M.A., Boeren, E.G., and Turner, C.E., *B* 1127.
- Endell, W., v. Seidel, G., *B* 1614.
- Engels, J., and Reidys, R., *B* 14.
- Engels, M., and Metzler, A., *B* 1662.
- Engen, R.L., and Klemm, W.R., *B* 368.
- England, Marjorie A., v. Wakely, Jennifer, *B* 243.
- Ennis, Madeleine, v. Banks, Barbara E.C., *B* 1371.
- Enz, A., Iwangoff, P., and Armbruster, R., *B* 908.
- Eppenberger, H.M., v. Caravatti, M., *B* 936.
- Eppenberger, H.M., v. Heizmann, C.W., *B* 38, *B* 911.
- Eppenberger, H.M., v. Pelloni, G., *B* 951.
- Eppenberger, H.M., v. Perriard, J.C., *B* 951, *B* 1149.
- Eppenberger, H.M., v. Strehler, E.E., *B* 919.
- Eppenberger, H.M., v. Wyss, C., *B* 961.
- Eppenberger, U., v. Bechtel, E., *B* 932.
- Eppenberger, U., v. Fabbro, D., *B* 908.
- Epstein, R.H., v. Belin, D., *B* 933.
- Epstein, R.H., v. Rifat, A., *B* 953.
- Eränkő, O., v. Klinge, E., *B* 1624.
- Erard, F., Schwendimann, B., and Bargetzi, J.P., *B* 908.
- Ercolessi, M., v. Contestabile, A., *B* 759.
- Erenpreis, J.G., Zirne, R.A., and Demidenko, O.J., *B* 882.
- Eriksson, A., Thornell, L.-E., and Stigbrand, T., *B* 792.
- Erismann, K.H., v. Thomas, R.J., *B* 959.
- Ermini, M., and Kuenzle, C.C., *B* 939.
- Ermini, M., v. Lutz, H., *B* 946.
- Ersay, Ö., v. Imre, Z., *B* 1254.
- Ertmann, R.R., *B* 1620.
- Eshel, Y., Korczyn, A.D., Kutz, I., Elizur, A., Rabinowitz, R., and Gitter, S., *B* 212.
- Estilai, A., *B* 725.
- Etienne, M., v. Jemmal, M., *B* 1333.
- Ettlinger, L., v. Ebersold, H.R., *B* 1672.
- Ettlinger, L., v. Schwitzguébel, J.-P., *B* 1670.
- Ettlinger, L., v. Vetterli, J., *B* 1669.
- Eusebi, F., Palmieri, P., and Picardo, M., *B* 867.
- Eusebi, F., v. Cecchi, L., *B* 1472.
- Evans, D.A., v. Higgs, M.D., *B* 46.
- Evans, R.H., and Hill, R.G., *B* 1325.
- Evéquo, V., Deshusses, J., and Tsacopoulos, M., *B* 897.
- Fabbro, D., Bechtel, E., and Eppenberger, U., *B* 908.
- Fachet, J., v. Novák, R., *B* 1134.
- Fadda, F., v. Argiolas, A., *B* 739.
- Fadda, M.B., v. Finazzi-Agrò, A., *B* 181.
- Fakan, J., v. Hofer, R.M., *B* 942.
- Fakan, S., Villard, D., and Hughes, M.E., *B* 939.
- Fallert, M., Böhmer, G., and Dinse, H.R.O., *B* 897.
- Fanelli, R., Chiabrande, C., Salmona, M., Garattini, S., and Caldera, P.G., *B* 1126.
- Fankboner, P.V., *B* 729.
- Fankboner, P.V., and Reid, R.G.B., *B* 728.
- Fankhauser, H., and Brunold, Chr., *B* 939.
- Fanti, G.P., Bottecchia, D., Gruppo, P., Nassuato, G., and Barbera, M., *B* 661.
- Farges, J.P., Lièvre, M., Ollagnier, M., and Faucon, G., *B* 631.
- Farr, D.R., v. Horisberger, M., *B* 942.
- Farrimond, J.A., v. Weston, G.D., *B* 468.
- Fässler, A., v. Roches, J.-C., *B* 902.
- Fast, P.G., Murphy, D.W., and Sohi, S.S., *B* 762.
- Faucon, G., v. Farges, J.P., *B* 631.
- Favarger, P., v. Bas, S., *B* 905.
- Favarger, P., v. Mayobre, M.L., *B* 915.
- Fayos, J., v. González, A.G., *B* 554.
- Featherstone, J.W., and Reinis, S., *B* 854.
- Feer, H., Wirz-Justice, A., Kräuchi, K., and Lichtsteiner, M., *B* 923.
- Feer, H., v. Kräuchi, K., *B* 761, *B* 926.
- Feigl, W., v. Silberbauer, K., *B* 1471.
- Fekete, I., *B* 827, *B* 829.
- Felber, B.K., Ryffel, G.U., and Weber, R., *B* 939.
- Felber, J.-P., v. Rey, F., *B* 916.
- Feldman, M.K., *B* 97.
- Felix, D., and Henke, H., *B* 897.
- Felix, D., v. Felix, H., *B* 939.
- Felix, D., v. Hefti, F., *B* 899.
- Felix, D., v. Lichtensteiger, W., *B* 901.
- Felix, D., v. Wang, S.J., *B* 904.
- Felix, H., and Felix, D., *B* 939.
- Felix, H., v. Hefti, F., *B* 899.
- Felix, H.R., and Wehrli, W., *B* 1667.
- Fellay, G., v. Jörg, A., *B* 1654.
- Feller, U., *B* 940.
- Feller, U., v. Thomas, R.J., *B* 959.
- Ferrand, R., Renaud, J.-F., and Le Douarin, G.H., *B* 263.
- Ferwerda, M.A., v. Pijnacker, L.P., *B* 1558.
- Feuer, L., and Ormai, S., *B* 1356.
- Fey, G., v. Odink, K., *B* 950.
- Fey, H., v. Bommeli, W., *B* 1662.
- Fiechter, A., v. Schneider, H., *B* 918.
- Fiedler, H., v. Ziegler, Brigitte, *B* 138.
- Fields, M., v. Kopolovitz, J., *B* 524.
- Finazzi-Agrò, A., Fadda, M.B., Floris, G., Dessi, M.R., and Crifò, C., *B* 181.
- Fiorelli, G., v. Gerli, G.C., *B* 431.
- Fioretti, M.C., v. Puccetti, P., *B* 799.
- Fischberg, M., and Kobel, H.R., *B* 1012.
- Fischer, G.M., and Swain, M.L., *B* 624.
- Fischer, J., v. Klaus-Fuchs, H., *B* 1671.
- Fischer, J., v. Mareš, P., *B* 1308.
- Fischer, J.A., v. Wild, P., *B* 904.
- Fitschen, W., and Thompson, P., *B* 475.
- Flatt, J.P., v. Acheson, K.J., *B* 895.
- Fleisch, H., v. Dimuzio, M.T., *B* 908.
- Fletcher III, H., v. Yardley, J.P., *B* 1124.
- Flood, P.R., *B* 173.
- Flore, O., v. Marcialis, M.A., *B* 1528.
- Florez-Lozano, J.A., v. Menendez-Patterson, A., *B* 190.
- Floris, G., v. Finazzi-Agrò, A., *B* 181.
- Flower, R.J., v. Hardcastle, J., *B* 617.
- Floyd, R.A., v. Reigh, D.L., *B* 107.

- Flückiger, E., Briner, U., Doepfner, W., Kovacs, E., Marbach, P., and Wagner, H. R., *B* 1330.
- Flückiger-Keller, H., v. Flückiger, W., *B* 1274.
- Flückiger, W., Flückiger-Keller, H., and Oertli, J. J., *B* 1274.
- Flügel, W., *B* 65.
- Flumerfelt, B. A., *B* 1178.
- Fluri, R., v. Janner, Faustina, *B* 943.
- Foesel, S., and Sewing, K.-Fr., *B* 205.
- Földes, O., v. Michajlovskij, N., *B* 409.
- Folscroft, J., v. Arvanitakis, C., *B* 77.
- Fonlupt, P., v. Martinet, M., *B* 1197.
- Fontana, F., and Amorelli, M., *B* 708.
- Fontanges, R., v. Morel, G., *B* 1525.
- Foo, L. Y., and Gwyn, S. A., *B* 970.
- Ford, G. C., v. Eichele, G., *B* 908.
- Formas, J. R., *B* 446, *B* 452.
- Forney, R. B., v. Maskarinec, M. P., *B* 88.
- Forté, N., v. Lombardi, L., *B* 1503.
- Foschi, Rosmarie, v. Zagalak, B., *B* 1537.
- Fournier, N., Geoffroy, M., Monjon, B., and Deshusses, J., *B* 909.
- Fowler, M. W., v. Warren, G. S., *B* 356.
- Fraeyman, N. H., De Potter, W. P., and De Schaepe, A. F., *B* 1210.
- Fraga, B. M., v. González, A. G., *B* 554.
- Franchini, I., Cavatorta, A., D'Errico, M., De Santis, M., Romita, G., Gatti, R., Juvarrá, G., and Palla, G., *B* 259.
- Francioli, P., v. Jaquet, H., *B* 912.
- Frangi, U., v. Wang, S. J., *B* 904.
- Frank, G., Sidler, W., Widmer, H., and Zuber, H., *B* 940.
- Frank, G., v. Sidler, W., *B* 917.
- Frank, G., v. Tratschin, J. D., *B* 919.
- Franz, H., v. Ziska, P., *B* 123.
- Fraser, J. R., Oliveira, P. H., and Hüttner, I., *B* 1171.
- Fräter-Schröder, M., Hitzig, W. H., Bütler, R., and Häkkinen, A. K., *B* 909.
- Frayssinet, C., v. Jemali, M., *B* 1333.
- Frederick, E. C., Hamant, M. F., Rasmussen, S. A., Chan, A. K., and Goslow, Jr., G. E., *B* 372.
- Freer, C., v. Doherty, R. A., *B* 871.
- Frei, J., v. Markert, M., *B* 914.
- Frey-Wyssling, A., *B* 547.
- Frey, J., and Caro, L., *B* 1666.
- Frey, Rudolf, and Abdulla, Walied, *A* 963.
- Freychet, P., v. Carpentier, J.-L., *B* 936.
- Fried, K., and Hildebrand, C., *B* 1354.
- Fried, R., v. Bartosz, G., *B* 1464.
- Friedberg, T., Oesch, F., and Bentley, P., *B* 909.
- Friedli, C., Chiné, A., and Girardier, L., *B* 898.
- Friedman, A. H., and Marchese, A. L., *B* 71.
- Friedman, H., v. Bendinelli, M., *B* 1161.
- Friedman, H., v. Warren, G. H., *B* 802.
- Friedman, S., v. Tal, E., *B* 1286.
- Friend, W. H., v. Higgins, E. S., *B* 578.
- Frischknecht, A., v. King, P. J., *B* 944.
- Frischknecht, A., v. Strauss, A., *B* 958.
- Fritz, H., v. Schill, W.-B., *B* 509.
- Fritz, H. I., v. Sedmak, P. A., *B* 1059.
- Fritz-Niggli, Hedi, v. Michel, C., *B* 105.
- Fritz-Niggli, H., v. Mindek, G., *B* 948.
- Fritz, W., v. Froesch, D., *B* 116.
- Froesch, D., Mangold, Katharina, and Fritz, W., *B* 116.
- Froesch, E. R., v. Zapf, J., *B* 920, *B* 921.
- Froment, Y., v. Piffaretti, J. Cl., *B* 952, *B* 1659.
- Frösner, G. G., v. Siegl, G., *B* 1663.
- Fryder, V., v. Smiley, M., *B* 955.
- Fuenmayor, Dolores, v. González-Vegas, J. A., *B* 1527.
- Fuganti, C., Ghiringhelli, D., and Grasselli, P., *B* 297.
- Fuhr, J. E., v. White, J. F., *B* 1367.
- Fuhrmann, G. F., v. Schneider, H., *B* 918.
- Fuji, K., Fujita, E., Takaishi, Y., Fujita, T., Arita, I., Komatsu, M., and Hiratsuka, N., *B* 237.
- Fujita, E., v. Fuji, K., *B* 237.
- Fujita, K., Suzuki, I., Ochiai, J., Shinpo, K., Inoue, S., and Saito, H., *B* 523.
- Fujita, T., v. Fuji, K., *B* 237.
- Fukami, J., v. Yamamoto, D., *B* 1603.
- Fukuda, K., v. Beçak, Maria Luiza, *B* 171.
- Fukushima, H., v. Shimonaka, H., *B* 586.
- Fuller, P. M., *B* 1181.
- Fulpius, B. W., v. James, R. W., *B* 912.
- Fulpius, B. W., v. Rüegg, U. T., *B* 917.
- Fümm, H., Driscoll, P., and Bättig, K., *B* 898.
- Funasaka, I., v. Kuratsuka, K., *B* 1483.
- Fuortes, G. M., v. Bertrand, D., *B* 895.
- Furlan, M., v. Perret, B. A., *B* 915.
- Furuta, H., *B* 1317.
- Fux, T., v. Went, D. F., *B* 1641.
- Fuzeau-Braesch, S., v. Chapco, W., *B* 1623.
- Gabbiani, G., Borgia, R., Chaponnier, C., Rungger, E., and Weil, R., *B* 940.
- Gabbiani, G., v. Benzonana, G., *B* 906.
- Gabbiani, G., v. Prentki, M., *B* 916.
- Gactano, G. de, v. Reyers, I., *B* 664.
- Gäggeler, H. P., v. Rossier, B. C., *B* 929.
- Gähwiler, B. H., *B* 898.
- Gaill, F., and Lafont, R., *B* 1028.
- Gaillard, D., v. Pipy, B., *B* 87.
- Gala, R. R., v. Campbell, M. D., *B* 1522.
- Galun, R., v. Gothilf, S., *B* 853.
- Gambino, A. M., v. Neri, G., *B* 133, *B* 815.
- Gandhi, P., *B* 15.
- Ganguli, N. C., v. Atreja, S. K., *B* 379.
- Garattini, S., v. Algeri, A., *B* 1488.
- Garattini, S., v. Fanelli, R., *B* 1126.
- García de Jalón, P. D., v. Barrigón, S., *B* 770.
- García-Gracia, M., Gervas-Camacho, J., and DeFeudis, F. V., *B* 227.
- García-Olmedo, F., Carbonero, P., Aragoncillo, C., and Salcedo, G., *B* 332.
- García-Segura, L. M., Martínez-Rodríguez, R., and Martínez-Murillo, R., *B* 1598.
- Gardiol, D., v. Benathan, M., *B* 933.
- Gardiol, D., v. Loosli, H., *B* 946.
- Gardner, C. R., and Robson, E. A., *B* 1576.
- Gardner, C. R., Robson, E. A., and Stanford, C., *B* 1577.
- Garg, S. K., Chhina, G. S., and Singh, Baldev, *B* 1237.
- Garson, O. M., v. Van der Weyden, M. B., *B* 531.
- Garvin, P. F., v. Schmid, K., *B* 826.
- Gassel, W. D., Laukel, H., Braun, R., and Wolf, G., *B* 765.
- Gasser, A., v. Eichele, G., *B* 908.
- Gasser, M., Mohr, D., Straser, S., and Wyrsh, U., *B* 1662.
- Gastpar, M., v. Lacoste, V., *B* 901.
- Gates, A. H., v. Doherty, R. A., *B* 871.
- Gatti, R., v. Franchini, I., *B* 250.
- Gautheron, D. C., v. Keira, T., *B* 1548.
- Gautier, A., v. Benathan, M., *B* 933.
- Gautier, A., v. Hofer, R. M., *B* 942.
- Gautier, A., v. Loosli, H., *B* 946.
- Gazzotti, P., v. Niggli, Verena, *B* 1136.
- Gavasova, I., v. Daskalov, D., *B* 522.
- Geiselman, P. J., v. Martin, J. R., *B* 901.
- Geiser, M., and Gordon, J., *B* 940.
- Geiser, P., v. Ebersold, H. R., *B* 1672.
- Gelles, J. M., and Zeiler, R., *B* 619.
- Gemmrich, A., v. Bürcky, K., *B* 718.
- Gena, C. B., v. Ghemawat, M. S., *B* 1168.
- Gendre, Ph., v. Cambar, J., *B* 371.
- Genedani, S., v. Bertolini, A., *B* 771.
- Geoffroy, M., v. Fournier, N., *B* 909.
- Gerber, A. Ch., Kozdrowski, I., Wyss, S., and Berger, E. G., *B* 909.
- Gerber, G. B., v. Maes, J., *B* 381.
- Gerhardt, U., v. Schiefer, H.-G., *B* 1011.
- Gerli, G. C., Agostoni, A., and Fiorelli, G., *B* 431.
- Gerold, M., Eigenmann, R., and Haeusler, G., *B* 924.
- Gerold, M., v. Eigenmann, R., *B* 923.
- Gervas-Camacho, J., v. García-Gracia, M., *B* 227.
- Geyer, G., Biedermann, M., and Schmidt, H.-P., *B* 363.
- Ghadially, F. N., Lalonde, J.-M. A., and Dick, C. E., *B* 1212.
- Ghemawat, M. S., and Gena, C. B., *B* 1168.
- Ghiringhelli, D., v. Fuganti, C., *B* 297.
- Ghisalberti, E. L., Jefferies, P. R., Lanteri, R., and Matsons, J., *B* 157.
- Ghosal, S., Banerjee-Chakrabarti, S., Chakrabarti, D. K., and Basuchaudhary, K. C., *B* 229.
- Ghosal, S., Banerjee, S., Chattopadhyay, B. K., Srivastava, R. S., and Chakrabarti, D. K., *B* 1057.
- Ghosh, A. C., Manmade, A., Bousquet, A., Townsend, J. M., and Demain, A. L., *B* 819.
- Ghosh, A., v. Robertson, L. W., *B* 1020.
- Ghosh, S. S., and Davis, T. A., *B* 348.
- Giacalone, J., v. Neurath, A. R., *B* 414.
- Giacobino, J. P., *B* 909.
- Giampietri, A., v. Puccetti, P., *B* 799.
- Giardino, P., v. Arcamone, F., *B* 1255.
- Gigon, P. L., and Bickel, M. H., *B* 924.
- Gilboa-Garber, N., Katz-Bergman, Y., and Pinsky, A., *B* 992.
- Gileva, E. A., v. Bykova, G. V., *B* 1146.
- Gilles-Bailien, Michelle, and Verbert, Myriam, *B* 1174.
- Gilles, R., v. Pequeux, A., *B* 1593.
- Gillet, Liliane, v. Deconinck, M., *B* 569.
- Ginter, E., v. Bobek, P., *B* 1554.
- Giorgi, P. P., Trolliet, A., and Van der Loos, H., *B* 940.
- Giovannini, P., *B* 898.
- Girard, J., v. Baertschi, A. J., *B* 895.
- Girardier, L., v. Friedli, C., *B* 898.
- Girardier, L., v. Seydoux, J., *B* 902.
- Giri, K. V., and Singh, S. N., *B* 1270.
- Gitter, S., v. Eshel, Y., *B* 212.
- Gitzelmann-Cumarasamy, N., Gitzelmann, R., Kuenzle, C. C., and Wilson, K. J., *B* 909.
- Gitzelmann, R., v. Gitzelmann-Cumarasamy, N., *B* 909.
- Gitzelmann, R., v. Haigis, E., *B* 910.
- Giudicelli, Y., Brullé, D., and Nordmann, R., *B* 161.
- Givant, Y., and Sulman, F. G., *B* 643.
- Glatt, H., v. Schwind, H., *B* 918.
- Glauser, M. P., v. Jaquet, H., *B* 912.
- Glick, B., v. Olah, I., *B* 1642.
- Glimcher, M. E., and Szabo, G., *B* 1079.
- Glinukon, T., Taycharpipranai, S., and Toskulkao, C., *B* 869.
- Gloor, H., v. Srdić, Z., *B* 1572.
- Glor, M., v. Eichele, G., *B* 908.
- Glueck, C. L., v. Kashyap, M. L., *B* 1044.
- Godinot, C., v. Keira, T., *B* 1548.
- Goldschmidt-Clermont, M., *B* 940.
- Goldsmith, H. S., v. Chen, W. F., *B* 855.
- Goldspink, G., Mills, C., and Schmidt-Nielsen, K., *B* 862.
- Goldstein, G., v. Schlesinger, D. H., *B* 703.
- Golenhofen, K., and Hannappel, J., *B* 64.
- Gomes da Costa, A., *B* 82.
- Gomez, F., Reymond, M., and Lemarchand, T., *B* 940.
- Gómez-Montoya, J., v. Gutiérrez-Rivas, E., *B* 61.
- Gómez-Ramos, P., v. Léon-Feliu, E., *B* 1352.
- Gonet, C., v. Modak, S. P., *B* 949.
- Gong, J. K., and DeLuca, C., *B* 672.
- Gonnard, P., v. Tardy, M., *B* 823, *B* 1137.

- González-Vegas, J.A., and Fuenmayor, Dolores, *B* 1527.
- González, A.G., Arteaga, J.M., Fraga, B.M., Hernández, M.G., and Fayos, J., *B* 554.
- Gonzalez-Angulo, A., v. Sosa, A., *B* 175.
- Goodgold, J., v. Eberstein, A., *B* 1607.
- Goodman, E.M., v. Marron, M.T., *B* 589.
- Goodman, R.E., and Pederson, D.M., *B* 910.
- Gopalakrishnan, Kamala, v. Jayaraman, S., *B* 1245.
- Gopalan, H.N.B., v. Nair, C.K.K., *B* 353.
- Gopesh, A., v. Srivastava, C.B.L., *B* 1345.
- Gorden, P., v. Carpentier, J.-L., *B* 936.
- Gordon, J., v. Geiser, M., *B* 940.
- Gordon, J.R., v. Warenycia, M.W., *B* 473.
- Górski, J., v. Stankiewicz-Choroszuca, B., *B* 357.
- Goslow, Jr. G.E., v. Frederick, E.C., *B* 372.
- Göthert, M., and Rieckesmann, J.-M., *B* 382.
- Gothilf, S., Kehat, M., Jacobson, M., and Galun, R., *B* 853.
- Goto, M., v. Takano, S., *B* 1063.
- Gottesmann, C., v. Arnaud, Ch., *B* 1584.
- Goyal, Shashi, v. Saxena, K.N., *B* 35.
- Gräbbling, B., v. Anhut, H., *B* 1494.
- Graf, L., v. Jenni, B., *B* 944.
- Graf, M., and Pletscher, A., *B* 924.
- Grafius, Melba A., v. Christopher, J.P., *B* 689.
- Grafius, M.A., v. Kothari, R.M., *B* 160.
- Granata, A.L., Vecchi, C., and Corsi, A., *B* 591.
- Granato, D., and Bron, C., *B* 910.
- Grandolini, G., v. Casinovi, C.G., *B* 298.
- Grange, D., v. Schaffer, P., *B* 1661.
- Grasselli, P., v. Fuganti, C., *B* 297.
- Gray, R.C., v. Segerson, Jr. E.C., *B* 831.
- Greenberg, M.J., v. Painter, S.D., *B* 1608.
- Greenebaum, B., v. Marron, M.T., *B* 589.
- Greenwood, D.R., and Russell, G.B., *B* 687.
- Gregory, Lindsay J., v. Burns, R.G., *B* 301.
- Gregson, R.P., v. Bach, B., *B* 688.
- Greguss, P., v. Tippe, A., *B* 365.
- Grewal, A.S., v. Warenycia, M.W., *B* 473.
- Grieder, A., and Maurer, R., *B* 941.
- Griffiths, L.A., v. Bolton, G.C., *B* 1484.
- Grilli, S., v. Arfellini, G., *B* 185.
- Grimaud, J.A., v. Joky, A., *B* 547.
- Gröflin, U.B., and Thölen, H., *B* 1501.
- Gromko, M.H., v. Pyle, D.W., *B* 449.
- Gronow, M., and Thackrah, T.M., *B* 430.
- Gröschel-Stewart, U., v. Unsicker, K., *B* 102.
- Gross, A., v. Hepp-Reymond, M.-C., *B* 899.
- Gross, N., and Bron, C., *B* 910.
- Grosso, A., and De Sousa, R.C., *B* 593, *B* 898.
- Grovum, W.L., *B* 202.
- Groweiss, A., and Kashman, Y., *B* 299.
- Gruenberg, J., Sharma, P.R., and Deshusses, J., *B* 910.
- Grüninger, H., and Schär, M., *B* 910.
- Gruppo, P., v. Fantin, G.P., *B* 661.
- Grylewski, R.J., and Nicolaou, K.C., *B* 1336.
- Gubler, U., v. Hall, L., *B* 941.
- Guénard, D., v. Zavala, F., *B* 1497.
- Guerinot, F., et Bohuon, C., *B* 820.
- Guggenheim, B., v. Burckhardt, J.J., *B* 935.
- Guggenheim, R., v. Kuhn, H., *B* 945.
- Guinan, P.D., v. Bhatti, R.A., *B* 1364.
- Gulak, P.V., v. Boriskina, G.M., *B* 744.
- Gulati, O.P., Liard, J.F., and Dray, F., *B* 772.
- Gulati, P.K., and Dubey, D.P., *B* 396.
- Güth, K., Kuhn, H.J., Herzig, J.W., and Rüegg, J.C., *B* 1183.
- Gutiérrez-Rivas, E., Andrés, I. de, Gómez-Montoya, J., and Reinoso-Suárez, F., *B* 61.
- Gwyn, S.A., v. Foo, L.Y., *B* 970.
- Gyalog, R., v. Schärli, C., *B* 1666.
- Haas, H.L., and Siegfried, J., *B* 924.
- Haas, H.L., v. Wolf, P., *B* 73.
- Haas, J., v. Schwab, M., *B* 780.
- Hackensellner, H.A., v. Matthes, G., *B* 1024.
- Hadi, S.M., v. Wani, A.A., *B* 392.
- Hadji-Azimi, I., *B* 941.
- Haeusler, G., *B* 924.
- Haeusler, G., v. Eigenmann, R., *B* 923.
- Haeusler, G., v. Gerold, M., *B* 924.
- Haeusler, G., v. Lorez, H.P., *B* 926.
- Haeusler, G., v. Thorens, S., *B* 930.
- Häfliger, U., v. Steck, F., *B* 1662.
- Hagemann, R.F., v. Stragand, J.J., *B* 189.
- Hahn, H.P. von, v. Honcger, C.G., *B* 911.
- Haigis, E., Häuptle, M.T., and Gitzelmann, R., *B* 910.
- Hakim, A.A., *B* 1515.
- Häkkinen, A.K., v. Fräter-Schröder, M., *B* 909.
- Hála, K., Vilhelmová, Miloslava, Schulmanová, Jana, and Sainerová, Hana, *B* 1556.
- Halbach, G., v. Trost, W., *B* 1051.
- Halberg, F., Lee, Jung Keun, and Nelson, W., *B* 713.
- Halcrow, K., v. Brodie, D.A., *B* 1297.
- Haley, J.E., Stefano, G.B., and Catapane, E.J., *B* 210.
- Hall, L., Vogt, V., Gubler, U., and Braun, R., *B* 941.
- Hallas, B.H., v. Das, G.D., *B* 1304.
- Haller, G. de, v. Bolívar, I., *B* 934.
- Haller, G. de, v. Peck, R.K., *B* 951.
- Haller, G. de, v. Seigneux, M. de, *B* 955.
- Haller, H., v. Bürgisser, E., *B* 935.
- Haller, O., v. Arnheiter, H., *B* 1663.
- Hamant, M.F., v. Frederick, E.C., *B* 372.
- Hamelin, C., Sarhan, F., and Chung, Y.S., *B* 1578.
- Hamilton, R.G., and Walker, R.I., *B* 582.
- Hammond, W.R., v. Wiseman, L.L., *B* 462.
- Han, G.Y., v. Han, P.F., *B* 704.
- Han, P.F., Han, G.Y., Cole, Jr. T.W., Owen, G.S., and Johnson, Jr. J., *B* 704.
- Hanks, C.T., and Smith, E.O., *B* 635.
- Hanna, N., v. Tal, E., *B* 536.
- Hannappel, J., v. Golenhofen, K., *B* 64.
- Hänni, Christine, v. Iida, S., *B* 1660.
- Hänni, R., v. Mayer, H., *A* 1105.
- Hansen, J., and Örd, T., *B* 1357.
- Hanson, R.W., v. Iynedjian, P.B., *B* 943.
- Haot, J., v. Delrez, M., *B* 1221.
- Harada, K., Suzuki, S., and Ishida, H., *B* 17.
- Hardcastle, J., Hardcastle, P.T., Flower, R.J., and Sanford, P.A., *B* 617.
- Hardcastle, P.T., v. Hardcastle, J., *B* 617.
- Harding, W., v. Platina, Micsunica, B 1154.
- Harford, J.B., v. Adams, E., *B* 579.
- Harley, J.P., v. Newsome, A.L., *B* 1567.
- Harms, C.T., Lörz, H., and Potrykus, I., *B* 941.
- Harms, C.T., v. Lörz, H., *B* 946.
- Harms, C.T., v. Potrykus, I., *B* 952.
- Harper, M.J.K., v. Valenzuela, G., *B* 388.
- Harrison, F., *B* 1075.
- Harrison, J.M., Clarke, R.J., Inch, T.D., and Upshall, D.G., *B* 698.
- Härsing, L., v. Selmeçli, L., *B* 219.
- Hart, R.J., v. Botham, R.P., *B* 207, *B* 209.
- Hartmann, K., Akert, K., and Künzle, H., *B* 898.
- Hartwich, R., v. Stopp, M., *B* 1493.
- Hartwig, A., v. Matthes, G., *B* 1024.
- Harvey, S., and Scanes, C.G., *B* 1096.
- Hasegawa, K., *B* 272.
- Hasegawa, K., v. Kobayashi, H., *B* 750.
- Haselbacher, G., Bosshard, H., Humbel, R., and Thomas, G., *B* 941.
- Hashimoto, T., v. Morishita, H., *B* 1231.
- Hashimoto, Y., v. Arishima, K., *B* 262.
- Hashimoto, Y., v. Nagatsu, T., *B* 305.
- Haslanger, M., v. Cruthers, L.R., *B* 1574.
- Hass, Bruce S., and Hedges, Richard M., *B* 320.
- Hatanaka, H., v. Otten, U., *B* 951.
- Hattori, K., v. Kitao, T., *B* 94.
- Haugwitz, R.D., v. Cruthers, L.R., *B* 1574.
- Häuptle, M.T., v. Haigis, E., *B* 910.
- Hauser, H., v. Biber, J., *B* 906.
- Hauser, K., *B* 924.
- Hauser, R.E., v. Zwahlen, R., *B* 962.
- Hausner, U., v. Eichele, G., *B* 908.
- Hawkins, Shirley E., v. Abbott, G.F., *B* 427.
- Hay, D.A., v. Soliman, M.H., *B* 329.
- Hayashi, F., v. Kagimoto, T., *B* 1092.
- Hayashi, N., Kuwahara, Y., and Komae, H., *B* 684.
- Haynes, J.K., v. Adhikary, P.K., *B* 804.
- Haynes, L.W., and Kerkut, G.A., *B* 752.
- Haynie, J.L., v. Milner, M.J., *B* 948.
- Hazama, H., and Kunimoto, N., *B* 424.
- Hazlett, Linda D., v. Dabich, Danica, *B* 407.
- Hecker, E., v. Brune, K., *B* 922.
- Hecker, E., v. Weber, J., *B* 679.
- Hedges, Richard M., v. Hass, Bruce S., *B* 320.
- Hedgpeth, J., v. Belin, D., *B* 933.
- Hefli, F., Lichtensteiger, W., Felix, H., and Felix, D., *B* 899.
- Hefli, F., v. Lichtensteiger, W., *B* 901.
- Hegarty, P.V.J., Dahlin, K.J., and Benson, E.S., *B* 1070.
- Heikkilä, R.E., Cabbat, Felicitas S., and Cohen, G., *B* 1553.
- Heizmann, C.W., Bläuenstein, I.E., and Eppenberger, H.M., *B* 38.
- Heizmann, C.W., Hotz, I.E., and Eppenberger, H.M., *B* 911.
- Heizmann, C.W., v. Strehler, E.E., *B* 919.
- Hellack, J.J., *B* 447.
- Hellgren, L., v. Abrahamsson, S., *B* 1446.
- Hemleben, V., Bachmann, K., and Price, H.J., *B* 1452.
- Hemmer, H., v. Bachmann, K., *B* 331.
- Henauer, J., v. Nissen, Catherine, *B* 1219.
- Henderson, R., v. Müller, U., *B* 915.
- Henke, H., *B* 911.
- Henke, H., v. Felix, D., *B* 897.
- Henrich, H., v. Hertel, R., *B* 865.
- Henson, P.M., v. Rouse, B.T., *B* 346.
- Hepp-Reymond, M.-C., Gross, A., and Allum, J.H.J., *B* 899.
- Herberman, R.B., v. Bonnard, G.D., *B* 934.
- Hermesmeier, K., *B* 899.
- Hernández, M.G., v. González, A.G., *B* 554.
- Hernando, L., v. López-Novoa, J.M., *B* 216, *B* 1613.
- Heron, I., v. Larsen, B., *B* 1224.
- Herrenkohl, Lorraine R., and Politch, J.A., *B* 1240.
- Herrling, P.L., v. Hull, C.D., *B* 925.
- Herschkwitz, N., v. Burkart, T., *B* 907.
- Herschkwitz, N., v. Jutzi, H., *B* 912.
- Herschkwitz, N., v. Siegrist, H.P., *B* 917.
- Hertel, R., Henrich, H., and Assmann, R., *B* 865.
- Hertl, W., v. Scott Ramsey, W., *B* 851.
- Hervonen, A., Vaalasti, A., Partanen, S., and Kanerva, L., *B* 111.
- Herzig, J.W., v. Güth, K., *B* 1183.
- Hess, O.M., and Krayenbuehl, H.P., *B* 899.
- Hess, R., v. Krinke, G., *B* 1077.
- Hessler, M., v. Mareš, P., *B* 1308.
- Heumann, D., Candardjis, Ph., Carrel, S., and Mach, J.P., *B* 911.
- Heumann, H.-G., and Weigold, M., *B* 649.
- Heyn, M.P., v. Müller, U., *B* 915.
- Heyworth, P.G., v. Davies, J.E.W., *B* 429.
- Hicks, K., v. Wiemer, D.F., *B* 969.
- Higgins, E.S., Friend, W.H., and Rogers, K.S., *B* 578.
- Higgs, M.D., and Evans, D.A., *B* 46.
- Hildebrand, C., v. Fried, K., *B* 1354.
- Hiley, C.R., Yates, M.S., and Back, D.J., *B* 1061.

- Hill, R.G., v. Evans, R.H., *B* 1325.
Hill, R.J., v. Barrer, P.M., *B* 343.
Hino, O., and Tsunekawa, K., *B* 1359.
Hinterberger, W., Cerny, C., Kinast, H.,
Pointner, H., and Tragl, K.H., *B* 860.
Hintermann, R., Schmidlin, S., and Parish,
R.W., *B* 942.
Hiraki, S., v. Miyoshi, I., *B* 1089.
Hirano, M., v. Itoh, M., *B* 988.
Hirano, M., v. Kamisaka, K., *B* 1265.
Hiraoka, T., v. Kambara, T., *B* 526.
Hirata, M., v. Kambara, T., *B* 526.
Hiratsuka, N., v. Fujii, K., *B* 237.
Hiroshige, T., v. Honma, K., *B* 1602.
Hirschmann, N., v. Nir, I., *B* 1645.
Hitzig, W.H., v. Fräter-Schröder, M., *B* 909.
Hladovec, J., *B* 1585.
Hoang, I., v. Odartchenko, N., *B* 950.
Hochstrasser, A.-C., and Jeanrenaud, B.,
B 911.
Hodgson, B.J., v. Talo, A., *B* 198.
Hodgson, B.J., v. Valenzuela, G., *B* 388.
Hoenig, Sh., Katzap, I., and Leibovici, J.,
B 1362.
Hofer, R.M., Schlienger, C., Fakan, J., and
Gautier, A., *B* 942.
Hofert, J.F., and Novak, R.A., *B* 40.
Hoff, K.M., v. Baker, P.C., *B* 1521.
Hoffmann, K.H., v. Low, P.S., *B* 314.
Hogan, P.M., and Kallen, F.C., *A* 1422.
Hohing, T.L., v. Douglas, J.F., *B* 499.
Höhling, H.J., v. Althoff, J., *B* 692.
Holderegger, Ch., and Bechter, R., *B* 1386.
Holland, G.S., v. Bach, B., *B* 688.
Hollander, V.P., v. Platica, Micsunica,
B 1154.
Hollmann, K.H., et Verley, J.M., *B* 98.
Holmes, W., v. Nielsen, K., *B* 118.
Holtzer, H., Okayama, M., Biehl, J., and
Holtzer, S., *A* 281.
Holtzer, S., v. Holtzer, H., *A* 281.
Holze, S., v. Joost, H.G., *B* 1372.
Homburger, F., v. Kayser, F.H., *B* 1659.
Homer, L.D., v. Small, A., *B* 1315.
Honegger, C.G., and Hahn, H.P. von,
B 911.
Honegger, C.G., v. Isler, H., *B* 900.
Honegger, P., v. Matthieu, J.-M., *B* 915.
Honegger, U.E., *B* 925.
Honma, K., Katabami, F., and Hiroshige,
T., *B* 1602.
Hook, J.B., v. Stygles, V.G., *B* 1025.
Hofejší, V., and Kocourek, J., *B* 307.
Horisberger, M., *B* 721.
Horisberger, M., and Brambilla, R., *B* 1664.
Horisberger, M., Brambilla, R., and Content,
J., *B* 942.
Horisberger, M., Farr, D.R., and
Vonlanthen, M., *B* 942.
Horisberger, M., Rosset, J., and Vonlanthen,
M., *B* 274.
Horisberger, M., and Vonlanthen, M.,
B 942.
Horisberger, M., v. Vonlanthen, M., *B* 960.
Hörler, D., v. Zbinden, G., *B* 931.
Horn, G., v. Brown, J., *B* 501.
Horne, C.H.W., v. Thomson, A.W., *B* 528.
Hornsey, D.J., *B* 1596.
Horowitz, Carolyn, v. Lau, H.C., *B* 566.
Hösli, Elisabeth, and Hösli, L., *B* 899,
B 1519.
Hösli, L., v. Hösli, Elisabeth, *B* 899, *B* 1519.
Hösli, L., v. Roches, J.-C., *B* 902.
Hotz, I.E., v. Heizmann, C.W., *B* 911.
Hou, R.F., and Brooks, Marion A., *B* 465.
Howd, R.A., Adamovics, A., and Palekar,
A., *B* 1310.
Hsing, H.H., v. Clegg, J.S., *B* 734.
Hsu, Tzu-chin, v. Kuehn, G.D., *B* 913.
Hube, G., v. Behne, D., *B* 270.
Hübscher, U., Kuenzle, C.C., and Spadari,
S., *B* 943.
Hübscher, U., v. Waser, J., *B* 960.
Hudson, A.L., v. Bowery, N.G., *B* 1193.
Huff, S.R., v. Robertson, L.W., *B* 1020.
Hugentobler, A.-L., Bienz, K., and Löffler,
H., *B* 1663.
Huggel, H., v. Peristiany, J.G., *A* 1400,
A 1415.
Hughes, M.E., v. Fakan, S., *B* 939.
Hughes, R.E., v. Davies, J.E.W., *B* 429.
Hull, C.D., Buchwald, N.A., and Herrling,
P.L., *B* 925.
Humbel, R., v. Haselbacher, G., *B* 941.
Humbel, R.E., v. Rinderknecht, E., *B* 916.
Hunsperger, R.W., *B* 900.
Hunziker, W., v. Wild, P., *B* 904.
Hurkadli, K.S., v. Jayaraman, S., *B* 1245.
Huston, J.P., and Stäubli, Ursula, *B* 900.
Huston, J.P., v. Stäubli, Ursula, *B* 903.
Hustvedt, B.E., v. Karakash, C., *B* 912.
Hütter, R., v. Kieser, T., *B* 1668.
Hütter, R., v. Klaus-Fuchs, H., *B* 1671.
Hütter, R., v. Niederberger, P., *B* 1670.
Hütter, R., v. Suter, M., *B* 1669.
Hütter, R., v. Zeyer, J., *B* 1671.
Hüttner, I., v. Fraser, J.R., *B* 1171.
Iannitelli, M., v. Re, M., *B* 1081.
Ide, R.S., v. Small, A., *B* 1315.
Iengo, A., v. Cafieri, F., *B* 300.
Iida, S., Hänni, Christine, Meyer, J., Echarti,
Christine, and Arber, W., *B* 1660.
Iida, S., Meyer, J., and Arber, W., *B* 943.
Iida, S., v. Arber, W., *B* 1660.
Iida, S., v. Meyer, J., *B* 948.
Iijima, K., v. Tajima, T., *B* 1459.
Ikeda, K., v. Kaiya, H., *B* 645.
Ikeh, V., v. Delrez, M., *B* 1221.
Ilic, V., v. Brown, D., *B* 935.
Illés, J., *B* 1661.
Imre, Z., and Ersoy, Ö., *B* 1254.
Inagaki, C., v. Shikimi, T., *B* 1188.
Inch, T.D., v. Harrison, J.M., *B* 698.
Ineichen, H., Riesen-Willi, U., and Lezzi,
M., *B* 943.
Ingnot, Anna D., and Oleszak, Emilia,
B 1615.
Ingram, G.J., v. Morescalchi, A., *B* 584.
Inoue, S., v. Fujita, K., *B* 523.
Intès, A., v. Clastres, A., *B* 973.
Iriki, M., v. Nagai, M., *B* 1177.
Irudayanathan, A., v. Islam, A.S., *B* 328.
Ishay, J.S., and Croitoru, N., *B* 340.
Ishay, J.S., v. Perna, B., *B* 1022.
Ishida, H., v. Harada, K., *B* 17.
Ishii, K., v. Jemmal, M., *B* 1333.
Ishikawa, N., v. Yamashita, S., *B* 472.
Ishitani, R., and Miyakawa, A., *B* 1605.
Ishitani, R., Tobari, Y., Miyakawa, A., and
Iwamoto, T., *B* 1628.
Islam, A.S., Njoroge, K., and
Irudayanathan, A., *B* 328.
Islam, M.N., *B* 254.
Isler, H., and Honegger, C.G., *B* 900.
Islaker, H., v. Kratz, H., *B* 913.
Iso, T., Yamauchi, H., Suda, H., Nakajima,
N., Nishimura, K., and Iwao, J., *B* 1202.
Ito, R., v. Kojima, H., *B* 92.
Ito, S., v. Bendayan, M., *B* 933.
Itoh, M., Uchimura, H., Hirano, M., Saito,
M., Kim, J.S., and Nakahara, T., *B* 988.
Ivankovic, S., *B* 645.
Iverson, W.G., v. Schneider, H., *B* 918.
Ivić, Mileva, and Klisić, Lj., *B* 1513.
Iwamoto, T., v. Ishitani, R., *B* 1628.
Iwangoff, P., v. Enz, A., *B* 908.
Iwao, J., v. Iso, T., *B* 1202.
Iwata, H., Masukawa, T., Kasamatsu, S.,
and Komemushi, S., *B* 534.
Iwata, H., v. Baba, A., *B* 1139.
Iwata, H., v. Matsuda, T., *B* 18.
Iwata, T., v. Kaiya, H., *B* 645.
Ilyndjian, P.B., and Hanson, R.W., *B* 943.
Izutsu, K.T., Siegel, I.A., and Smuckler,
E.A., *B* 731.
Jäckle, H., and Schmidt, O., *B* 1260.
Jacob, H.J., v. Christ, B., *B* 241, *B* 514.
Jacob, M., v. Christ, B., *B* 241, *B* 514.
Jacobson, M., v. Gothilf, S., *B* 853.
Jacquemin, H., v. Polonsky, Judith, *B* 1122.
Jacquignon, P., v. Schwind, H., *B* 918.
Jaggi, R., Widmer, H., Weber, R., and
Ryffel, G.U., *B* 943.
Jaggi, W., Lutz, W.K., and Schlatter, Ch.,
B 925.
Jähnchen, E., v. Schmidt, W., *B* 1322.
Jain, S.K., *B* 835.
Jain, S.K., v. Chopra, A.K., *B* 1457.
Jakob, A., Salzmann, M., and Diem, S.,
B 912.
Jakob, A., v. Salzmann, M., *B* 917.
Jakubovic, A., McGeer, E.G., and McGeer,
P.L., *B* 1617.
Jalanti, T., v. Najim, L., *B* 950.
Jallageas, M., v. Astier, H.S., *B* 1228.
James, R.W., and Fulpius, B.W., *B* 912.
James, Victoria A., Krogsgaard-Larsen, P.,
and Walker, R.J., *B* 1630.
Jamila Begum, B., v. Krishnamoorthy, R.V.,
B 832.
Jamrich, M., v. Rungger-Brändle, E., *B* 954.
Janner, Faustina, Vögeli, G., and Fluri, R.,
B 943.
Janots, Dominique, v. Moreteau, Brigitte,
B 1098.
Jansonius, J.N., v. Eichele, G., *B* 908.
Jaques, Jr. S., v. Campbell, M.D., *B* 1522.
Jaquet, H., Wojnarowski, W., Francioli, P.,
and Glauser, M.P., *B* 912.
Jarboe, C.H., v. Bannon, M.J., *B* 767.
Jaton, A.L., v. Vigouret, J.M., *B* 931.
Jaussi, R., and Kunz, P.A., *B* 503.
Jaussi, R., v. Mekler, P., *B* 947.
Jayaram, V., Chandra Sekara Reddy, D.,
and Padmanabha Naidu, B., *B* 1184.
Jayaram, V., v. Chandra Sekara Reddy, D.,
B 606.
Jayaraman, S., Hurkadli, K.S., and
Gopalakrishnan, Kamala, *B* 1245.
Jazdowska-Zagrodzińska, B., and
Matuszewski, B., *B* 777.
Jeanrenaud, B., v. Bereiter, D.A., *B* 895.
Jeanrenaud, B., v. Berthoud, H.R., *B* 895.
Jeanrenaud, B., v. Crettaz, M., *B* 907.
Jeanrenaud, B., v. Hochstrasser, A.-C.,
B 911.
Jeanrenaud, B., v. Karakash, C., *B* 912.
Jeanrenaud, B., v. Prentki, M., *B* 916.
Jeanrenaud, B., v. Rohner, F., *B* 916.
Jeanrenaud, B., v. Seydoux, J., *B* 902.
Jefferies, P.R., v. Ghisalberti, E.L., *B* 157.
Jelaska, Sibila, v. Papeš, Dražena, *B* 1016.
Jelinek, J., v. Karen, P., *B* 622.
Jelinek, J., v. Kuneš, J., *B* 753.
Jemmali, M., Ueno, Y., Ishii, K., Frayssinet,
C., and Etienne, M., *B* 1333.
Jenni, B., Graf, L., and Stutz, E., *B* 944.
Jenny, E., v. Lutz, H., *B* 946.
Jéquier, E., v. Acheson, K.J., *B* 895.
Jéquier, E., v. Ravussin, E., *B* 902.
Jéquier, E., v. Stettler, E., *B* 903.
Jeske, J., v. Kędziora, J., *B* 712.
Jevning, R., Wilson, A.F., and Smith, W.R.,
B 618.
Ježek, J., v. Mašek, K., *B* 1363.
Ježová-Repčáková, D., v. Kolena, J., *B* 266.
Jimenez, J.M., v. del Pozo, F., *B* 1302.
Jobert, A., v. Soubrié, P., *B* 1621.
Jöbssis, F.F., v. LaManna, J.C., *B* 203.
Jockusch, B.M., v. Levy, D., *B* 914.
Jockusch, H., v. Burkart, W., *B* 935.
Joel, D.D., v. LeFevre, M.E., *B* 120.
Joffe, A.Z., v. Schoental, R., *B* 763.
John, P.A., *B* 1151.
Johnson, Jr. J., v. Han, P.F., *B* 704.
Johnson, L.Y., v. Vaughan, G.M., *B* 1378.
Johnston, R., v. Eberstein, A., *B* 1607.
Johri, G.N., v. Vardhani, V., *B* 122.

- Joky, A., Cornu, M., Louis, D., and Grimaud, J. A., *B* 547.
- Joneja, M. G., and Kaiserman, M. Z., *B* 1205.
- Jones, A. R., v. Mashford, P. M., *B* 1267.
- Jones, J. B., v. White, J. F., *B* 1367.
- Jones, J. C., v. Tadkowski, T. M., *B* 627.
- Jones, M. N., *B* 685.
- Joó, F., v. Panula, P., *B* 95.
- Joost, H. G., and Holze, S., *B* 1372.
- Jordan, E. G., v. Severs, N. J., *B* 1007.
- Jörg, A., Portmann, P., Fellay, G., Dreyer, J. L., and Meyer, J., *B* 1654.
- Joshi, B. S., Ravindranath, K. R., and Viswanathan, N., *B* 422.
- Joshi, R. P., v. Rai, V. K., *B* 1148.
- Joss, U., and Schenkel, L., *B* 925.
- Jost, J. P., v. Ohno, T., *B* 951.
- Jost, J. P., v. Schürch, A. R., *B* 957.
- Jošt, K., v. Lebl, M., *B* 1543.
- Juan, H., v. Beubler, E., *B* 386.
- Judson, P., Kishen Rao, B., Thakur, S. S., and Divakar, B. Julius, *B* 817.
- Juhász, A., v. Miczák, A., *B* 1158.
- Jumawan, Jocelyn, v. Lau, H. C., *B* 566.
- Jungk, St., v. Risinger, G. E., *B* 1121.
- Juorio, A. V., *B* 1329.
- Jütte, Helga, v. Arber, W., *B* 1660.
- Jutzi, H., Siegrist, P., Wiesmann, U., Schäfer, R., and Herschkowitz, N., *B* 912.
- Jutzi, H., v. Siegrist, H. P., *B* 917.
- Juvarra, G., v. Franchini, I., *B* 250.
- Kaesermann, H. P., and Peters, G., *B* 925.
- Kageyama, K., Kinoshita, Y., and Kimura, E., *B* 1311.
- Kägi, J. H. R., v. Berger, C., *B* 906.
- Kagimoto, T., Hayashi, F., Yamasaki, M., Morino, Y., Akasaka, K., and Kishimoto, S., *B* 1092.
- Kaiserman, M. Z., v. Joneja, M. G., *B* 1205.
- Kaiserman, M., v. Miller, S. C., *B* 129.
- Kaiya, H., Iwata, T., Ikeda, K., and Namba, M., *B* 645.
- Kajishima, T., v. Takeuchi, I. K., *B* 1066.
- Kalia, C. S., v. Singh, M. P., *B* 1437.
- Kallen, F. C., *A* 1398.
- Kallen, F. C., v. Hogan, P. M., *A* 1422.
- Kalmus, G. W., v. Lee, H., *A* 278.
- Kambara, T., Hirata, M., and Hiraoka, T., *B* 526.
- Kamińska, Grażyna, v. Kamiński, M., *B* 490.
- Kamiński, M., Kamińska, Grażyna, and Majewski, S., *B* 490.
- Kamisaka, K., Hirano, M., and Tsuru, M., *B* 1265.
- Kamisaki, K., v. Kawa, A., *B* 814.
- Kamp, A. O., v. Drewes, Patricia A., *B* 316.
- Kan, M., v. Ozeki, T., *B* 387.
- Kanamura, S., *B* 517.
- Kandaswamy, C. K., *B* 595.
- Kanehisa, T., v. Kawa, A., *B* 669, *B* 814.
- Kanerva, L., v. Hervonen, A., *B* 111.
- Kangas, L., v. Nieminen, L., *B* 1335.
- Kangasaho, M., v. Vapaatalo, H., *B* 384.
- Kanno, Y., v. Shiba, Y., *B* 57.
- Kappeler, M., v. Mekler, P., *B* 947.
- Kapur, K., and Toor, H. S., *B* 811.
- Karabelnik, D., v. Eichele, G., *B* 908.
- Karakash, C., Hustvedt, B. E., Løvo, A., and Jeanrenaud, B., *B* 912.
- Karasanyi, N., v. Lee, H., *B* 518.
- Karch, François, and Moran, Larry, *B* 944.
- Karen, P., Pohlavá, I., and Jelinek, J., *B* 622.
- Karimian, K., v. Risinger, G. E., *B* 1121.
- Karlaganis, G., and Paumgartner, G., *B* 913.
- Kasamatsu, S., v. Iwata, H., *B* 534.
- Kasanen, A., v. Nieminen, L., *B* 1335.
- Kashman, Y., v. Groweiss, A., *B* 299.
- Kashyap, M. L., Mendoza, S. G. de, Campbell, M., Chen, C. Y., Lutmer, R. F., and Glueck, C. L., *B* 1044.
- Kasprisin, D. O., and Pang, E. J., *B* 119.
- Katabami, F., v. Honma, K., *B* 1602.
- Kataoka, S., Williams, T. H., Sandquist, D., and Sahu, S. K., *B* 879.
- Kathju, S., Lahiri, A. N., and Shankarnarayan, K. A., *B* 848.
- Kato, L., Mankiewicz, E., and Thököly, I. de, *B* 1322.
- Kato, T., Nagatsu, T., Kimura, T., and Sakakibara, S., *B* 319.
- Kato, T., v. Nagatsu, T., *B* 305.
- Katoch, S. S., v. Malhotra, R. K., *B* 1206.
- Katoh, Y., and Takayama, S., *B* 239.
- Katona, Eva, v. Vasilescu, V., *B* 1443.
- Katow, S., v. Matsuno, T., *B* 54.
- Katz-Bergman, Y., v. Gilboa-Garber, N., *B* 992.
- Katzap, I., v. Hoenig, Sh., *B* 1362.
- Kawa, A., Nakazawa, M., Kono, Y., Sakaguchi, S., Nakamura, S., and Kanehisa, T., *B* 669.
- Kawa, A., Ryu, S., Taniguchi, Y., Mizuguchi, K., Maeda, Y., Ariyama, T., Kamisaki, K., Koreeda, F., and Kanehisa, T., *B* 814.
- Kawai, K., Akita, T., and Nozawa, Y., *B* 977.
- Kawai, K., v. Shimonaka, H., *B* 586.
- Kayser, F. H., *B* 1661.
- Kayser, F. H., Devaud, M., and Homberger, F., *B* 1659.
- Kazlauskas, R., Murphy, P. T., and Wells, R. J., *B* 156.
- Kędziora, J., Witas, H., Bartosz, G., Leyko, W., Jeske, J., and Rożyńska, D., *B* 712.
- Keenan, T. W., v. Richardson, Carol L., *B* 571.
- Kehat, M., v. Gothilf, S., *B* 853.
- Keira, T., Godinot, C., and Gautheron, D. C., *B* 1548.
- Kell, J. A., v. Wordinger, R. J., *B* 881.
- Kellenberger, E., v. Schärli, C., *B* 1666.
- Keller, C., v. Pache, W., *B* 1670.
- Keller, H. H., Bonetti, E. P., and Da Prada, M., *B* 926.
- Keller, H., v. Pieri, M., *B* 928.
- Keller, P., v. Kistler, A., *B* 800.
- Kelly, S. S., *B* 200.
- Kelly, Sally, and Schedlbauer, L., *B* 1560.
- Kemona, H., Prokopowicz, J., and Wotosowicz, N., *B* 257.
- Kempf, E., Mack, G., Canguilhem, B., and Mandel, P., *B* 1032.
- Kennedy, B., and Kryvi, H., *B* 460.
- Keren, O., and Korczyn, A. D., *B* 616.
- Kerkut, G. A., v. Haynes, L. W., *B* 752.
- Kessler, M., v. Nigg, E., *B* 915.
- Kessler, M., v. Toggengruber, G., *B* 919.
- Kessler, M. E., v. Chabora, P. C., *B* 836.
- Khan, M. A., *B* 784.
- Khan, M., Iqbal, B. 711.
- Khan, Ralph A. A., *B* 261, *B* 1101, *B* 1598.
- Khan, T. R., Singh, S. B., Singh, R. K., and Singh, T. K., *B* 49.
- Khan, T. R., v. Singh, R. K., *B* 186.
- Khandjian, E. W., v. Matter, J. M., *B* 947.
- Khanna, K. K., and Chandra, S., *B* 1167.
- Khuller, G. K., *B* 432.
- Khuller, G. K., v. Chopra, A. K., *B* 1457.
- Kieser, T., Cramer, R., Suter, M., and Hütter, R., *B* 1668.
- Kigoshi, S., *B* 1222.
- Kihm, U., v. Bommeli, W., *B* 1662.
- Kikuno, M., v. Kobayashi, H., *B* 750.
- Kim, J. S., v. Itoh, M., *B* 988.
- Kimura, E., v. Kageyama, K., *B* 1311.
- Kimura, I., v. Miyoshi, I., *B* 1089.
- Kimura, T., v. Kato, T., *B* 319.
- Kinast, H., v. Hinterberger, W., *B* 860.
- Kindt, A., v. Ziska, P., *B* 123.
- King, C. J., v. Blight, Margaret M., *B* 1119.
- King, P. J., Frischknecht, A., and Persy, G., *B* 944.
- King, P. J., v. Dhaliwal, H. S., *B* 937.
- King, P. J., v. Strauss, A., *B* 958.
- Kinne, R., v. Stoll, R., *B* 919.
- Kinoshita, K., v. Murakami, H., *B* 671.
- Kinoshita, Y., v. Kageyama, K., *B* 1311.
- Kirtany, J. K., v. Paknikar, S. K., *B* 553.
- Kis, P., *B* 1289.
- Kishen Rao, B., v. Judson, P., *B* 817.
- Kishimoto, S., v. Kagimoto, T., *B* 1092.
- Kiss, D., v. Lorez, H. P., *B* 926.
- Kissling-Abderhalden, M., v. Schurter, W., *B* 1669.
- Kistler, A., *B* 1159.
- Kistler, A., and Keller, P., *B* 800.
- Kistler, G. S., v. Walt, H., *B* 960.
- Kitagawa, M., v. Mori, T., *B* 797.
- Kitao, T., Hattori, K., and Takeshita, M., *B* 94.
- Klatzo, I., v. Micic, D., *B* 169, *B* 1461.
- Klaus-Fuchs, H., Tschopp, F., Hütter, R., and Fischer, J., *B* 1671.
- Kleefeld, Gertrud, v. Schultz, J., *B* 1432.
- Klein, T., v. Landau, B., *B* 1301.
- Kleinberg, F., v. Weinshilboum, R. M., *B* 310.
- Kleinlogel, H., *B* 900.
- Klemenz, R., and Diggelmann, Heidi, *B* 944.
- Klemm, W. R., v. Engen, R., *B* 368.
- Klinge, E., Eränkő, O., and Sjöstrand, N. O., *B* 1624.
- Klisić, Lj., v. Ivić, Mileva, *B* 1513.
- Klurfeld, D. M., v. Kritchevsky, D., *B* 1328.
- Knecht, E., v. Streit, P., *B* 903.
- Knopf, U. C., *B* 944.
- Knoll, H. R., Bronstein, W. W., and Porter, P. J., *B* 1133.
- Ko, I. K., v. Thureson-Klein, Åsa, *B* 773.
- Kobayashi, H., Hasegawa, K., Tanaka, M., and Kikuno, M., *B* 750.
- Kobel, H. R., v. Fischberg, M., *B* 1012.
- Koblet, H., Wyler, R., and Kohler, U., *B* 1164.
- Koblet, H., v. Reigel, F., *B* 1664.
- Koblet, H., v. Späth, P. J., *B* 1664.
- Kochba, J., and Thomas, E., *B* 944.
- Kochba, J., v. Thomas, E., *B* 959.
- Kocourek, J., v. Hořejší, V., *B* 307.
- Koella, W. P., v. Olpe, H.-R., *B* 235, *B* 927.
- Koella, W. P., v. Schmutz, M., *B* 930.
- Koeniger, N., v. Veith, H. J., *B* 423.
- Kofoed, J. A., and Barceló, Ana C., *B* 808, *B* 1545.
- Kofoed, J. A., Tocci, A. A., and Barceló, A. C., *B* 577.
- Kogure, K., v. Schwartzman, R. J., *B* 1175.
- Koh, S.-W., v. Robertson, L. W., *B* 1020.
- Kohl, J., v. Davies, A., *B* 897.
- Kohler, A., v. Rüegg, U. T., *B* 917.
- Kohler, U., v. Koblet, H., *B* 1164.
- Kojima, H., Anraku, S., Onogi, K., and Ito, R., *B* 92.
- Kojima, Y., v. Berger, C., *B* 906.
- Koketsu, K., v. Akasu, T., *B* 488.
- Koldovsky, O., v. Lau, H. C., *B* 566.
- Kolena, J., Šeböková, E., and Ježová-Repečková, D., *B* 266.
- Koley, A. R., v. Biswas, N. M., *B* 1652.
- Koller, E. A., v. Laciga, P., *B* 900.
- Koller, Th., v. Stettler, U., *B* 957.
- Koller, Th., v. Thoma, F., *B* 958.
- Kollinger, G., v. Schwab, M., *B* 780.
- Komac, H., v. Hayashi, N., *B* 684.
- Komatsu, M., v. Fuji, K., *B* 237.
- Komemushi, S., v. Iwata, H., *B* 534.
- Kometani, K., and Sugi, H., *B* 1469.
- Komlós, Márta, v. Seregi, A., *B* 1056.
- Komov, V. P., Rakhmanina, T. F., and Strelkova, M. A., *B* 24.
- Kondo, K., v. Segawa, M., *B* 996.
- Kondo, T., and Magee, D. F., *B* 607.
- Kono, Y., v. Kawa, A., *B* 669.
- Konrad, A., v. Bachmann, K., *B* 331.
- Koorn, Cathy J., v. Unnithan, G. C., *B* 411.

- Koplovicz, J., Fields, M., and Laufer, A., *B* 524.
Kopp, F., Cuendet, P.A., Zuber, H., and Mühlethaler, K., *B* 913.
Korczyn, A.D., v. Eshel, Y., *B* 212.
Korczyn, A.D., v. Keren, O., *B* 616.
Koreeda, F., v. Kawa, A., *B* 814.
Kornacka, L., v. Sawecka, J., *B* 309.
Kornfield, I.L., *B* 335.
Kothari, R.M., Millar, D.B., Grafius, M.A., and Christopher, J.P., *B* 160.
Koul, O., and Saxena, B.P., *B* 1590.
Kováč, L., Peterajová, E., and Pogády, J., *B* 604.
Kovacs, E., v. Flückiger, E., *B* 1330.
Koval, T.M., *B* 674.
Kovalčík, V., v. Smieško, V., *B* 745.
Koyama, T., Mishina, H., Asakura, T., and Bruley, D.F., *B* 857.
Koyama, T., v. Makinoda, S., *B* 62.
Kozdrowski, I., v. Gerber, A.Ch., *B* 909.
Kraehenbuhl, J.P., v. Kühn, L., *B* 913.
Kraehenbuhl, J.P., v. Rossier, M., *B* 954.
Kraehenbuhl, J.P., v. Suard, Y., *B* 955.
Kratz, H., Chapuis, R.M., Assimeh, S.N., and Isliker, H., *B* 913.
Kräuchi, K., Feer, H., Lichtsteiner, M., and Wirz-Justice, A., *B* 761.
Kräuchi, K., Lichtsteiner, M., Feer, H., and Wirz-Justice, A., *B* 926.
Kräuchi, K., v. Feer, H., *B* 923.
Krause, W.J., Leeson, C.R., Cutts, J.H., and Sherman, D.M., *B* 405.
Krauss, H., v. Schiefer, H.-G., *B* 1011.
Krayenbuehl, H.P., v. Hess, O.M., *B* 899.
Kreis, T., v. Wächter, D., *B* 960.
Kressmann, A., Probst, E., Clerc, R., Telford, J., Clarkson, S., and Birnstiel, M.L., *B* 944.
Krinke, G., Schnider, K., and Hess, R., *B* 1077.
Křiška, M., v. Smieško, V., *B* 745.
Krishnamoorthy, R.V., and Jamila Begum, B., *B* 832.
Kritchevsky, D., Story, J.A., and Klurfeld, D.M., *B* 1328.
Křivánek, J., *B* 574.
Křížala, J., v. Stoklasová, A., *B* 870.
Krogsgaard-Larsen, P., v. James, Victoria A., *B* 1630.
Kruse, Eva, and Scholz, H., *B* 504.
Krüsi, S., v. Widmer, R., *B* 961.
Kryvi, H., v. Kennedy, B., *B* 460.
Kubli, E., Egg, A.H., and Schmidt, Th., *B* 945.
Kubli, E., v. Egg, A.H., *B* 938.
Kubli, E., v. Schmidt, Th., *B* 956.
Kučerová, V., and Doležel, S., *B* 403.
Kuehn, G.D., and Hsu, Tzu-chin, *B* 913.
Kuenzle, C.C., v. Ermini, M., *B* 939.
Kuenzle, C.C., v. Gitzelmann-Cumarasamy, N., *B* 909.
Kuenzle, C.C., v. Hübscher, U., *B* 943.
Kuenzle, C.C., v. Waser, J., *B* 960.
Kuhn, H., Guggenheim, R., and Baumgartner, H.R., *B* 945.
Kuhn, H.J., v. Güth, K., *B* 1183.
Kühn, L., and Kraehenbuhl, J.P., *B* 913.
Kuhn, M., v. Pache, W., *B* 1670.
Kukreti, S.C., v. Sane, A.S., *B* 213.
Kumar, D.N., *B* 397.
Kumar, P., Nagpaul, J.P., Singh, B., Bansal, R.C., and Sharma, R., *B* 434.
Kumar, R.K., *B* 768.
Kunert-Radek, J., v. Pawlikowski, M., *B* 271.
Kuneš, J., Čapek, K., Jelínek, J., and Cherkovich, G.M., *B* 753.
Kunimoto, N., v. Hazama, H., *B* 424.
Künnemann, H., and Bashamohideen, Md., *B* 1242.
Kunz, P.A., v. Jaussi, R., *B* 503.
Kunz, Yvette W., and Wise, Christina, *B* 246.
Künzle, H., v. Hartmann, K., *B* 898.
Kuratsuka, K., Shimazaki, Y., Funasaka, I., and Watabe, Y., *B* 1483.
Kurcz, M., v. Nagy, I., *B* 545.
Kutz, I., v. Eshel, Y., *B* 212.
Kuwahara, St.S., and Chambers, W.T., *B* 532.
Kuwahara, Y., v. Hayashi, N., *B* 684.
Kyösola, K., *B* 782.
Labbé, J.P., v. Cambier, D., *B* 1384.
Labhart, T., *B* 900.
Laciga, P., and Koller, E.A., *B* 900.
Lacko, I., v. Lacko, L., *B* 26.
Lacko, L., Wittke, B., and Lacko, I., *B* 26.
Lacoste, V., and Gastpar, M., *B* 901.
Lafon-Cazal, M., v. Michel, R., *B* 812.
Lafont, R., v. Gaill, F., *B* 1028.
Lahiri, A.N., v. Kathju, S., *B* 848.
Lai, F.M., and Spector, S., *B* 1060.
Laissue, J.A., v. LeFevre, M.E., *B* 120.
Lalonde, J.-M.A., v. Ghadially, F.N., *B* 1212.
Lalović, D.I., v. Veljković, V., *B* 1342.
LaManna, J.C., Saive, J.-J., Macdonald, V.W., and Jöbsis, F.F., *B* 203.
Landau, B., Singer, R., Klein, T., and Segenreich, E., *B* 1301.
Lane, D., v. Caro, L., *B* 1659.
Lane, H.C., *A* 1403.
Lang, R., *B* 500.
Lang, W., Büttner-Ennever, J.A., and Büttner, U., *B* 901.
Lang, W., v. Wolf, H.U., *B* 920.
Lange, R.D., v. White, J.F., *B* 1367.
Lanteri, R., v. Ghisalberti, E.L., *B* 157.
Larsen, B., and Heron, I., *B* 1224.
Lascialfari, Donella, v. Bucci-Innocenti, Stefania, *B* 1002.
Lau, H.C., Horowitz, Carolyn, Jumawan, Jocelyn, and Koldovsky, O., *B* 566.
Laufer, A., v. Koplovicz, J., *B* 524.
Laug, W.E., v. Schnyder, J., *B* 956.
Laukel, H., v. Gassel, W.D., *B* 765.
Laurent, J.P., and Pieri, L., *B* 926.
Laustiola, K., v. Vapaatalo, H., *B* 384.
Lauthier, M., *B* 790.
Lautier, F., Razafitsalama, D., and Lavillaureix, J., *B* 1665.
Lavillaureix, J., v. Lautier, F., *B* 1665.
Lavillaureix, J., v. Schaffer, P., *B* 1661.
Lebek, G., and Petri, L., *B* 1666.
Lebek, G., and Zünd, P., *B* 1659.
Lebl, M., Bojanovska, V., Barth, T., and Jošt, K., *B* 1543.
Le Cam, A., v. Carpentier, J.-L., *B* 936.
Leder, P., v. Curtis, P., *B* 937.
Le Douarin, G.H., v. Ferrand, R., *B* 263.
Lee, H., Nagele, R., and Karasanyi, N., *B* 518.
Lee, H., and Kalmus, G.W., *A* 278.
Lee, Jung Keun, v. Halberg, F., *B* 713.
Leeson, C.R., v. Krause, W.J., *B* 405.
Leeuw, S.A.J. de, Stingelin, J., and Dutler, H., *B* 913.
LeFevre, M.E., Vanderhoff, J.W., Laissue, J.A., and Joel, D.D., *B* 120.
Legerstee, W.C., v. Balemans, M.G.M., *B* 1434.
Leibovici, J., v. Hoenig, Sh., *B* 1362.
Leisinger, Th., v. Brunner, W., *B* 1671.
Leisinger, Th., v. Schurter, W., *B* 1669.
Leisinger, Th., v. Suter, M., *B* 1669.
Lemarchand, T., v. Gomez, F., *B* 940.
Lemarchand-Béraud, T., v. Benathan, M., *B* 933.
Le Mevel, B.P., v. Neveu, P.J., *B* 1644.
Lendon, R.G., *B* 510.
Léon-Féliu, E., Gómez-Ramos, P., and Rodríguez-Echandia, E.L., *B* 1352.
Leonis, J., v. Deconinck, M., *B* 569.
Leonis, J., v. Looze, Y., *B* 1017.
L'Eplattenier, E., v. Manthey, B., *B* 927.
Lerch, K., *B* 914.
Lerch, K., v. Ammer, D., *B* 905.
Lerer, B., v. Segal, M., *B* 629.
Lesslauer, W., *B* 914.
Lethbridge, G., v. Burns, R.G., *B* 301.
Leuthard, P., and Bürk, R.R., *B* 945.
Levanon, A., v. Mekler, P., *B* 947.
Levanon, D., *B* 354.
Levental, Milica, v. Rusić, Mirjana, *B* 696.
Levitán, I.B., v. Adams, W.B., *B* 921.
Levitán, I.B., v. Drummond, A.H., *B* 923.
Levy, D., Jockusch, B.M., Meyer, D.I., Meyer, R., and Burger, M.M., *B* 914.
Lewis, Vivien, v. Brown, J., *B* 501.
Leyko, W., v. Bartosz, G., *B* 1464.
Leyko, W., v. Kędziora, J., *B* 712.
Lezana, Esther A., Bianchi, Martha S., and Bianchi, N.O., *B* 30.
Lezzi, M., *B* 945.
Lezzi, M., v. Ineichen, H., *B* 943.
Lezzi, M., v. Meyer, B., *B* 948.
Li, C.K., and Mitchelson, F., *B* 641.
Liard, J.F., v. Gulati, O.P., *B* 772.
Libni, M., v. Nevo, E., *B* 1562.
Lichaa, M., Niesor, E., and Weil, R., *B* 945.
Lichtensteiger, W., Felix, D., and Heftü, F., *B* 901.
Lichtensteiger, W., v. Heftü, F., *B* 899.
Lichtsteiner, M., v. Feer, H., *B* 923.
Lichtsteiner, M., v. Kräuchi, K., *B* 761, *B* 926.
Lieska, N., v. Maisel, H., *B* 352.
Lièvre, M., v. Farges, J.P., *B* 631.
Lightner, D.A., and Park, Y.-T., *B* 555.
Limacher, W., v. Wild, P., *B* 904.
Lin, M.T., *B* 59.
Lin, M.T., Chern, Y.F., and Chern, S.I., *B* 1595.
Lin, M.T., Chia, W.Y., Tsai, C.T., and Yin, T.H., *B* 756.
Lindén, Inge-Britt, v. Vapaatalo, H., *B* 384.
Lindemann, J., v. Arnheiter, H., *B* 1663.
Lindner, E., and Beyhl, F.E., *B* 226.
Lindsten, J., v. Miale, T., *B* 1220.
Linkenheimer, W.H., v. Cruthers, L.R., *B* 1574.
Linskens, H.F., and Smeets, P.S.G.M., *B* 42.
Lippe, C., v. Svelto, M., *B* 360.
Lippmann, W., *B* 441.
Lis, Dora, and Monis, B., *B* 693.
Liscia, A., v. Pietra, P., *B* 491.
Lloyd, S., Soulsby, E.J.L., and Theodorides, V.J., *B* 723.
Lobo, A., Carr, I., and Malcolm, D., *B* 1088.
Locatelli, V., Cocchi, Daniela, Bajusz, S., Spampinato, S., and Müller, E.E., *B* 1650.
Loebenberger, D., v. Panitz, E., *B* 733.
Loepfe, E., v. Schümperli, D., *B* 957, *B* 1665.
Loew, D.M., v. Vigouret, J.M., *B* 931.
Loew, D.M., v. Züger, P.E., *B* 637.
Löffler, H., v. Hugentobler, A.-L., *B* 1663.
Lombardi, L., Forte, N., and Paradisi, F., *B* 1503.
Londner, M.V., v. Scharovsky, Graciela O., *B* 1366.
Long, G.L., Cook, J.R., and Ellington, W.R., *B* 567.
Loosli, H., Gardiol, D., and Gautier, A., *B* 946.
Looze, Y., Vizet, A., Perraudin, J.-P., Depreter, J., Deconinck, M., Schnek, A.-G., and Léonis, J., *B* 1017.
Looze, Y., v. Deconinck, M., *B* 569.
López-Novoa, J.M., Casado, S., and Hernando, L., *B* 216.
López-Novoa, J.M., Rengel, M.A., and Hernando, L., *B* 1613.
Loriette, C., and Chatagner, Fernande, *B* 981.
Lorez, H.P., and Da Prada, M., *B* 663.
Lorez, H.P., Da Prada, M., Haeusler, G., and Kiss, D., *B* 926.

- Lörz, H., Harms, C. T., and Potrykus, I., *B* 946.
- Lörz, H., v. Harms, C. T., *B* 941.
- Lörz, H., v. Potrykus, I., *B* 952.
- Lotz, W., *B* 1373.
- Louis, D., v. Joky, A., *B* 547.
- Løvo, A., v. Karakash, C., *B* 912.
- Low, P. S., Hoffmann, K. H., Swezey, R., and Somero, G. N., *B* 314.
- Lowndes, H. E., v. Vincent-Ablazey, M., *B* 1479.
- Luisi, P. L., v. Baici, A., *B* 905.
- Lukat, R., *B* 477.
- Lupulescu, A., *B* 785.
- Lussier, A., Médicis, R. de, et Mathon, G., *B* 995.
- Lüthy, J., Zweifel, U., and Schlatter, Ch., *B* 926.
- Lüthy, P., v. Ebersold, H. R., *B* 1672.
- Lutmer, R. F., v. Kashyap, M. L., *B* 1044.
- Lutz, H., Ermini, M., and Jenny, E., *B* 946.
- Lutz, H., v. Bruggmann, S., *B* 906.
- Lutz, H. U., Däniken, A. von, and Bächli, T., *B* 914.
- Lutz, W. K., Brändle, E., and Zbinden, G., *B* 1609.
- Lutz, W. K., and Schlatter, Ch., *B* 927.
- Lutz, W. K., v. Jaggi, W., *B* 925.
- Lutz, W. K., v. Manthey, B., *B* 927.
- Lutz, W. K., v. Viviani, A., *B* 931.
- Lykke, A. W. J., and Stewart, B. W., *B* 498.
- Lyle, Gloria G., v. Lyle, R. E., *B* 1653.
- Lyle, R. E., and Lyle, Gloria G., *B* 1653.
- Lynhagen, N., v. Axelsson, S., *B* 139.
- Maca, R. D., v. Bonnard, G. D., *B* 934.
- Macarulla, J. M., v. Arrondo, J. L. R., *B* 1099.
- Macdonald, I. A., *B* 426.
- Macdonald, V. W., v. LaManna, J. C., *B* 203.
- Mach, J.-P., v. Heumann, D., *B* 911.
- Mack, G., v. Kempf, E., *B* 1032.
- Macka, W., Wihlidal, H., Stehlik, G., Washüttl, J., and Bancher, E., *B* 602.
- MacMillan, G. J., *B* 1512.
- Madyastha, K. R., Madyastha, P. R., and Wood, G. W., *B* 1349.
- Madyastha, P. R., v. Madyastha, K. R., *B* 1349.
- Maeda, K., v. Miwa, I., *B* 167.
- Maeda, Y., v. Kawa, A., *B* 814.
- Maes, J., and Gerber, G. B., *B* 381.
- Maffia, Jacqueline, v. Peck, R. K., *B* 951.
- Magee, D. F., v. Kondo, T., *B* 607.
- Magistretti, P., and Schorderet, M., *B* 927.
- Magyar, Irene, Schleidt, W. M., and Miller, B., *B* 676.
- Mahmood, A., Pathak, R. M., and Agarwal, N., *B* 741.
- Mähr, R., and Perriard, J. C., *B* 946.
- Mähr, R., v. Meyer, B., *B* 948.
- Maier, P., Manser, P., and Zbinden, G., *B* 927.
- Mainoya, J. R., *B* 1230.
- Maisel, H., Lieska, N., and Bradley, R., *B* 352.
- Maisel, H., v. Bradley, R., *B* 470.
- Maisin, J. R., v. Delrez, M., *B* 1221.
- Maitani, T., v. Suzuki, K. T., *B* 1449.
- Maitra, D., v. Chatterjee, T., *B* 562.
- Maitre, L., v. Waldmeier, P. C., *B* 931.
- Majewski, S., v. Kamiński, M., *B* 490.
- Major, F., *B* 1307.
- Majumdar, T., and Surolia, A., *B* 979.
- Makarewicz, W., v. Świerczyński, J., *B* 165.
- Makinoda, S., Miura, S., and Koyama, T., *B* 62.
- Makovskaja, V. A., v. Tkachenko, B. I., *B* 1298.
- Malá, J., and Sehnal, F., *B* 1233.
- Malacinski, G. M., Chung, H.-M., and Youn, B., *B* 883.
- Malcolm, D., v. Lobo, A., *B* 1088.
- Malec, J., v. Sawicka, J., *B* 309.
- Malhotra, R. K., Dhingra, S., and Katoch, S. S., *B* 1206.
- Malhotra, R. K., v. Asotra, K., *B* 75.
- Malhotra, R. K., v. Robertson, L. W., *B* 1020.
- Malhotra, R. K., v. Singh, H., *B* 557.
- Malick, M. A., Roy, R. M., and Sternberg, J., *B* 1216.
- Malnoë, P., Spahr, P.-F., and Rochemaix, J.-D., *B* 946.
- Malnoë, P., v. Rochemaix, J.-D., *B* 953.
- Mancino, G., v. Buccini-Innocenti, Stefania, *B* 1002.
- Manconi, P. E., v. Pompei, R., *B* 1528.
- Mandel, P., v. Balcar, V. J., *B* 922.
- Mandel, P., v. Kempf, E., *B* 1032.
- Mangold, Katharina, v. Froesch, D., *B* 116.
- Mankiewicz, E., v. Kato, L., *B* 1322.
- Manmade, A., v. Ghosh, A. C., *B* 819.
- Manocha, S. L., and Sharma, S. P., *B* 377.
- Manser, P., v. Maier, P., *B* 927.
- Mantei, E., v. Mekler, P., *B* 947.
- Manthey, B., Lutz, W. K., L'Epattenier, E., Schlatter, Ch., and Würfler, F., *B* 927.
- Mao, S. K. Y., v. Schmid, K., *B* 826.
- Marbach, P., v. Flückiger, E., *B* 1330.
- Marchese, A. L., v. Friedman, A. H., *B* 71.
- Marchesini, A., v. Baici, A., *B* 905.
- Marcialis, M. A., v. Pompei, R., *B* 1528.
- Marco, Y., and Rochemaix, J.-D., *B* 946.
- Mareš, J., v. Mareš, P., *B* 1308.
- Mareš, P., Mareš, J., Remes, P., Hessler, M., and Fischer, J., *B* 1308.
- Maret, R., v. Smiley, M., *B* 955.
- Marik, M., v. Novák, R., *B* 1134.
- Marin, B., v. Menendez-Patterson, A., *B* 190.
- Marin, B., v. Vijande, M., *B* 742.
- Markert, M., and Frei, J., *B* 914.
- Marković, O., *B* 561.
- Marks, F., v. Schweizer, J., *B* 1235.
- Marks, H. L., *B* 443.
- Markstein, R., v. Reinert, H., *B* 929.
- Marmor, M. F., and Martin, Lizbeth J., *B* 374.
- Marongiu, M. E., v. Pompei, R., *B* 1528.
- Marron, M. T., Goodman, E. M., and Grenebaum, B., *B* 589.
- Marsili, G., v. Petrelli, F., *B* 193.
- Marti, D., v. Mekler, P., *B* 947.
- Martin-Achard, A., Diserens, A.-C., Tribolet, N. de, and Matthieu, J.-M., *B* 914.
- Martin, J. R., Geiselman, P. J., and Bättig, K., *B* 901.
- Martin, Lizbeth J., v. Marmor, M. F., *B* 374.
- Martin, S., v. Bonhomme, F., *B* 1140.
- Martin, S. K., v. Nijhout, H. F., *B* 758.
- Martinet, M., Fonlupt, P., and Pacheco, H., *B* 1197.
- Martinez-Murillo, R., v. Garcia-Segura, L. M., *B* 1598.
- Martinez-Rodriguez, R., v. Garcia-Segura, L. M., *B* 1598.
- Martinez-Sierra, R., Andres-Trelles, F., and Vazquez Herrero, C., *B* 1611.
- Martinmaa, J., Vanhala, Leena, and Mustakallio, K. K., *B* 872.
- Martino, R., and Zampirolo, P., *B* 466.
- Marušić, M., *B* 806.
- Marušić, M., Allegretti, N., and Čulo, F., *B* 258, *B* 1355.
- Maselli, G., v. Re, M., *B* 1081.
- Mašek, K., Zaalal, M., Ježek, J., and Straka, R., *B* 1363.
- Mashford, P. M., and Jones, A. R., *B* 1267.
- Maskarinec, M. P., Shipley, G., Novotny, M., Brown, D. J., and Forney, R. B., *B* 88.
- Masson, A., Michel, R., and Richoz, E., *B* 1665.
- Masukawa, T., v. Iwata, H., *B* 534.
- Mathon, G., v. Lussier, A., *B* 995.
- Mathur, R. S., v. Sharma, M. P., *B* 1374.
- Matison, J., v. Ghisalberti, E. L., *B* 157.
- Matkovic, B., v. Novák, R., *B* 1134.
- Mato, M., and Aikawa, E., *B* 506.
- Matsuda, T., Baba, A., and Iwata, H., *B* 18.
- Matsuda, T., v. Baba, A., *B* 1139.
- Matsuno, T., Shirasawa, N., Umino, Y., Katow, S., and Shishido, A., *B* 54.
- Mattelin, G., v. Delrez, M., *B* 1221.
- Matter, J. M., Khandjian, E. W., and Weil, R., *B* 947.
- Matteucci, D., v. Bendinelli, M., *B* 1161.
- Matthes, G., Hackensellner, H. A., and Hartwig, A., *B* 1024.
- Matthieu, J.-M., Honegger, P., and Dolivo, M., *B* 915.
- Matthieu, J.-M., v. Martin-Achard, A., *B* 914.
- Mattock, M. B., Sheorain, V. S., and Subrahmanyam, D., *B* 304.
- Matuszewski, B., v. Jazdowska-Zagrodzińska, B., *B* 777.
- Matz, D. R., v. Rolf, R. H., *B* 74.
- Mauel, J., v. Buchmüller, Y., *B* 935.
- Maurer, A., Bieri, V., und Mühlethaler, K., *B* 947.
- Maurer, B. V., v. Cruthers, L. R., *B* 1574.
- Maurer, R., v. Grieder, A., *B* 941.
- Mayee, C. D., v. Qureshi, M. A., *B* 336.
- Mayer, H., Bollag, W., Hänni, R., and Rügge, R., *A* 1105.
- Mayhew, T. M., v. Oakley, Lynnette, *B* 1338.
- Mayobre, M. L., Favarger, P., and Rous, S., *B* 915.
- Mayr, A., v. Wittek, R., *B* 1664.
- Mazzocchi, G., v. Neri, G., *B* 133, *B* 815.
- McDonald, Janice, v. Parsons, P. A., *B* 1445.
- McElroy, J. C., and D'Arcy, P. F., *B* 1320.
- McGeer, E. G., v. Jakubovic, A., *B* 1617.
- McGeer, P. L., v. Jakubovic, A., *B* 1617.
- McGree, D. H., and Bourn, W. M., *B* 873.
- McGuire, W. L., v. Vaughan, G. M., *B* 1378.
- McLean, A. J., and Dowling, J., *B* 236.
- McMaster, G. K., *B* 947.
- McMillin, R., v. Acosta, D., *B* 1388.
- McMullen, H. L., and Sauer, J. R., *B* 1030.
- McNulty, J. A., *B* 507.
- McNulty, J. A., v. Dunn, J. D., *B* 1588.
- Meda, P., Perrelet, A., and Orci, L., *B* 947.
- Médicis, R. de, v. Lussier, A., *B* 995.
- Mehta, K., v. Sharma, M. P., *B* 1374.
- Mehta, Y. B., v. Skandhan, K. P., *B* 1476.
- Meier, A. H., v. Burns, J. T., *B* 607.
- Meier, W., and Voüte, C. L., *B* 901.
- Meinzel, R., *B* 394.
- Meinwald, J., v. Wiemer, D. F., *B* 969.
- Meites, J., v. Nagy, L., *B* 545.
- Mekler, P., Marti, D., Kappeler, M., Jaussi, R., Levanon, A., Mantei, E., Schmid, A., and Billeter, M., *B* 947.
- Melincoff, R. H., v. Davis, R. H., *B* 184.
- Melli, M., v. Bozzoni, I., *B* 934.
- Melli, M., v. Spinelli, G., *B* 955.
- Melli, M., v. Tuyns, A., *B* 959.
- Mello, Maria Luiza S., v. Dolder, Heidi, *B* 794.
- Mendes Carneiro, Sylvia, v. Beçak, Maria Luiza, *B* 171.
- Mendoza, S. G. de, v. Kashyap, M. L., *B* 1044.
- Menendez-Patterson, A., Florez-Lozano, J. A., and Marin, B., *B* 190.
- Menna, A., v. Müller, H. K., *B* 950.
- Menna, A., v. Wittek, R., *B* 961.
- Mensah-Dwumah, Monica, v. Constantinou, C. E., *B* 614.
- Menzel, D. B., v. Donovan, D. H., *B* 775.
- Merle, L., Dangoumau, J., and Balabaud, C., *B* 764.
- Merle, L., v. Bussiére-Lebeuf, C., *B* 628.
- Mermod, J. J., and Crippa, M., *B* 948.
- Merritt, W. D., v. Richardson, Carol L., *B* 571.
- Mesnier, Y., v. Cambar, J., *B* 747.
- Messier, Paul-Emil, *A* 289.
- Messineo, L., v. Skrinska, V. A., *B* 15.

- Metsä-Ketelä, T., v. Vapaatalo, H., *B* 384.
 Metzler, A., v. Engels, M., *B* 1662.
 Meyer, B., Mähr, R., and Lezzi, M., *B* 948.
 Meyer, D.I., v. Levy, D., *B* 914.
 Meyer, F., Müller, W., Palmieri, M., and Weber, H., *B* 948.
 Meyer, F., v. Weber, H., *B* 960.
 Meyer, J., Iida, S., and Arber, W., *B* 948.
 Meyer, J., v. Iida, S., *B* 943, *B* 1660.
 Meyer, J., v. Jörg, A., *B* 1654.
 Meyer, R., v. Levy, D., *B* 914.
 Meyer, U.A., v. Althaus, F., *B* 921.
 Meyers, B.E., v. Davis, R.H., *B* 184.
 Mezzanotte, R., *B* 322.
 Miale, T., Stenke, L., Lindsten, J., and Reizenstein, P., *B* 1220.
 Michajlovskij, N., Štrbák, V., and Földes, O., *B* 409.
 Michel, C., and Fritz-Niggli, Hedi, *B* 105.
 Michel, R., and Lafon-Cazal, M., *B* 812.
 Michel, R., v. Masson, A., *B* 1665.
 Micic, D., Micic, J., Klatzo, I., and Spatz, M., *B* 169.
 Micic, D., Swink, M.E., Klatzo, I., and Spatz, M., *B* 1461.
 Micic, J., v. Micic, D., *B* 169.
 Miczák, A., and Juhász, A., *B* 1158.
 Midrio, M., v. Danieli Betto, D., *B* 55, *B* 1582.
 Miègeville, M., v. Neveu, P.J., *B* 1644.
 Millar, D.B., v. Christopher, J.P., *B* 689.
 Millar, D.B., v. Kothari, R.M., *B* 160.
 Miller, B., v. Magyar, Irene, *B* 676.
 Miller, Brenda L., v. Wold, J.S., *B* 630.
 Miller, I.R., v. Bach, D., *B* 717.
 Miller, S.C., Kaiserman, M., and Osmond, D.G., *B* 129.
 Mills, C., v. Goldspink, G., *B* 862.
 Mills, L., v. Warren, G.H., *B* 802.
 Milne, J., v. Slade, B., *B* 520.
 Milner, M.J., and Haynie, J.L., *B* 948.
 Minale, L., v. Cimino, G., *B* 1425.
 Mindek, G., Fritz-Niggli, H., and Storck, H., *B* 948.
 Minghetti, A., v. Beacco, E., *B* 1291.
 Minniti, F., v. Bonina, M.T., *B* 1284.
 Mishina, H., v. Koyama, T., *B* 857.
 Mishler, J.M., and Benedict, C.R., *B* 259.
 Mishra, N.K., *B* 846.
 Mislin, H., *A* 1391.
 Misra, S.B., and Dixit, S.N., *B* 1442.
 Mitani, H., v. Morishita, H., *B* 1231.
 Mitchell, E.R., v. Tingle, F.C., *B* 153.
 Mitchell, S., v. Modlin, I.M., *B* 535.
 Mitchell, S.J., v. Edwards, A.V., *B* 1186.
 Mitchelson, F., v. Li, C.K., *B* 641.
 Mitsuma, T., v. Ukai, M., *B* 1095.
 Miura, S., v. Makinoda, S., *B* 62.
 Miwa, I., Maeda, K., and Okuda, J., *B* 167.
 Miwa, I., v. Okuda, J., *B* 563.
 Miyakawa, A., v. Ishitani, R., *B* 1605, *B* 1628.
 Miyamoto, F., v. Naya, Y., *B* 984.
 Miyauchi, Y., v. Morishita, H., *B* 1231.
 Miyoshi, I., Hiraki, S., Nakamura, K., Tanaka, T., and Kimura, I., *B* 1089.
 Mizejewski, G.J., *B* 1093.
 Mizuguchi, K., v. Kawa, A., *B* 814.
 Modak, S.P., *B* 949.
 Modak, S.P., Appleby, D.W., and Unger-Ullmann, C., *B* 949.
 Modak, S.P., Gonet, C., Unger-Ullmann, C., and Chappuis, M., *B* 949.
 Modak, S.P., v. Beard, P., *B* 932.
 Modak, S.P., v. Unger-Ullmann, C., *B* 959, *B* 960.
 Modde, H., *B* 1285.
 Modlin, I.M., Bloom, S.R., and Mitchell, S., *B* 535.
 Mohr, D., v. Gasser, M., *B* 1662.
 Molgó, J., *B* 1275.
 Monard, D., v. Schürch-Rathgeb, Y., *B* 957.
 Monckton, P., v. DeLamarter, J.F., *B* 945.
 Mondadori, C., Caratsch, C.G., Spiess, C., and Schaub, M.C., *B* 901.
 Mondadori, C., and Waser, P.G., *B* 902.
 Monis, B., v. Lis, Dora, *B* 693.
 Monjon, B., v. Fournier, N., *B* 909.
 Monnier, V.M., v. Stevens, V.J., *B* 918.
 Montandon, P.E., and Acheson, N.H., *B* 949.
 Montesano, R., v. Rüegg, U.T., *B* 917.
 Montoriol, J., v. Cambar, J., *B* 747.
 Moonka, D.K., v. Davis, R.H., *B* 184.
 Moran, Larry, v. Karch, François, *B* 944.
 Morel, G., *B* 344.
 Morel, G., Deschaux, P., Claustrat, B., et Fontanges, R., *B* 1525.
 Morescalchi, A., and Ingram, G.J., *B* 584.
 Morescalchi, A., v. Olmo, E., *B* 44.
 Moreteau, Brigitte, et Janots, Dominique, *B* 1098.
 Moretti, P., v. Petrelli, F., *B* 193, *B* 1481.
 Mori, T., Nishimoto, T., Kitagawa, M., Noda, Y., Nishimura, T., and Oikawa, T., *B* 797.
 Morikawa, Y., v. Arishima, K., *B* 262.
 Morin, O., v. Neveu, P.J., *B* 1644.
 Morini, J.C., v. Scharovsky, Graciela O., *B* 1366.
 Morino, Y., v. Kagimoto, T., *B* 1092.
 Morishita, H., Nakago, K., Miyauchi, Y., Mitani, H., Hashimoto, T., and Adachi, H., *B* 1231.
 Morison, J., v. Nakatsu, K., *B* 318.
 Moroni, Ch., v. DeLamarter, J.F., *B* 945.
 Morré, D.J., v. Cherry, J.M., *B* 1433.
 Morré, D. James, v. Richardson, Carol L., *B* 571.
 Morris, G., v. Boyd, W.H., *B* 1090.
 Mosejev, V.V., *B* 1633.
 Moss, T., Boseley, P.G., and Birnstiel, M.L., *B* 949.
 Moulin, A. du, v. Schultz, J., *B* 1432.
 Moura Nunes, J.F., v. Aguas, A.P., *B* 1618.
 Mühlethaler, K., v. Kopp, F., *B* 913.
 Mühlethaler, K., v. Maurer, A., *B* 947.
 Mukerjee, S.S., and Mukherjee, S.K., *B* 1429.
 Mukherjee, S.K., v. Mukerjee, S.S., *B* 1429.
 Mukhopadhyay, A., v. Prasad, R., *B* 484.
 Müller, E.E., v. Locatelli, V., *B* 1650.
 Müller, F., and Clarkson, S.G., *B* 950.
 Müller, H.K., Wittek, R., Menna, A., and Wyler, R., *B* 950.
 Müller-Mohnsen, H., v. Tippe, A., *B* 365.
 Müller, H.J., v. Weymarn, N., *B* 961.
 Müller, M., v. Puri, E.C., *B* 952.
 Müller, U., Cherry, R.J., Henderson, R., and Heyn, M.P., *B* 915.
 Müller, W., v. Meyer, F., *B* 948.
 Müller, W., v. Weber, H., *B* 960.
 Muneoka, Y., v. Shiba, Y., *B* 57.
 Münst, G.J., Ris, M.M., Bircher, J., and Wartburg, J.P. von, *B* 927.
 Murakami, H., and Kinoshita, K., *B* 671.
 Muralt, A. von, v. Schümperli, R.A., *B* 903.
 Murer, H., v. Stoll, R., *B* 919.
 Muri, R., v. Bertrand, D., *B* 895.
 Murolo, C., v. Pistoia, V., *B* 1453.
 Murphy, D.W., v. Fast, P.G., *B* 762.
 Murphy, R.B., *B* 188.
 Murphy, P.T., v. Kazlauskas, R., *B* 156.
 Murray, A.W., *B* 691, *B* 1507.
 Murray, M., v. Ehrlich, K., *B* 179.
 Mustakallio, K.K., v. Martinmaa, J., *B* 872.
 Nafissi-V., M.M., v. Panitz, E., *B* 733.
 Nagai, M., and Iriki, M., *B* 1177.
 Nagao, S., v. Shimomura, H., *B* 586.
 Nagatsu, T., Kato, T., Hashimoto, Y., Numata (Sudo), Y., Yamori, Y., and Okamoto, K., *B* 305.
 Nagatsu, T., v. Kato, T., *B* 319.
 Nagel, G.A., v. Obirst, R., *B* 660.
 Nagele, R., v. Lee, H., *B* 518.
 Nagpaul, J.P., v. Kumar, P., *B* 434.
 Nagy, I., Kurcz, M., Baranyai, P., and Meites, J., *B* 545.
 Nair, C.K.K., and Gopalan, H.N.B., *B* 353.
 Nair, K.K., v. Unnithan, G.C., *B* 411.
 Najim, L., and Jalanti, T., *B* 950.
 Nakago, K., v. Morishita, H., *B* 1231.
 Nakahara, T., v. Itoh, M., *B* 988.
 Nakahata, N., *B* 362.
 Nakajima, N., v. Iso, T., *B* 1202.
 Nakama, S., v. Arishima, K., *B* 262.
 Nakamura, K., and Nakamura, K., *B* 1042.
 Nakamura, K., v. Miyoshi, I., *B* 1089.
 Nakamura, K., v. Nakamura, K., *B* 1042.
 Nakamura, S., v. Kawa, A., *B* 669.
 Nakatsu, K., Morison, J., and Edmonds, J., *B* 318.
 Nakazawa, M., v. Kawa, A., *B* 669.
 Nakhla, A.M., v. Nandi Majumdar, A.P., *B* 974.
 Namba, M., v. Kaiya, H., *B* 645.
 Nandi Majumdar, A.P., *B* 1258.
 Nandi Majumdar, A.P., and Nakhla, A.M., *B* 974.
 Nashikkar, A.B., v. Chowdhury, A.R., *B* 494, *B* 1327.
 Nassuto, G., v. Fantin, G.P., *B* 661.
 Nath, K., and Bollon, A.P., *B* 1282.
 Nath, S., *B* 580.
 Nawrath, H., *B* 859.
 Naya, Y., Miyamoto, F., and Takemoto, T., *B* 984.
 Neal, M.J., v. Bowery, N.G., *B* 1193.
 Neish, A.L., v. Stone, A.L., *B* 1173.
 Nelson, W., v. Halberg, F., *B* 713.
 Neri, P., Antoni, G., and Tarli, P., *B* 1293.
 Neri, G., Gambino, A.M., Mazzocchi, G., and Nussdorfer, G.G., *B* 133, *B* 815.
 Netrawali, M.S., v. Chetty, K.G., *B* 32.
 Netrawali, M.S., v. Subbarao, M.N., *B* 1279.
 Neubarth, J.L., v. Constantinou, C.E., *B* 614.
 Neuhaus, H.U., v. Borbély, A.A., *B* 896.
 Neuhoof, V., v. Osborne, N.N., *B* 495.
 Neurath, A.R., Prince, A.M., and Giacalone, J., *B* 414.
 Neveu, P.J., Morin, O., Miègeville, M., Le Mevel, B.P., and Vermeil, C., *B* 1644.
 Nevo, E., Shimony, T., and Libni, M., *B* 1562.
 Newburgh, R.W., v. Taylor, D.P., *B* 695.
 Newsome, A.L., and Harley, J.P., *B* 1567.
 Ng'ang'a, J.N., v. Wangai, J., *B* 874.
 Ngo, T.T., v. Tunnicliff, G., *B* 989.
 Nicolaou, K.C., v. Gryglewski, R.J., *B* 1336.
 Nicolas, M.T., v. Bassot, J.M., *B* 726.
 Nicolet, J., v. Paroz, Ph., *B* 1668.
 Nicoll, P.A., *A* 1418.
 Nicotra, F., Ronchetti, F., and Russo, G., *B* 699.
 Niederberger, P., and Hütter, R., *B* 1670.
 Niederwieser, A., v. Steiner, W., *B* 918.
 Nielsen, K., Sheppard, J., Holmes, W., and Tizard, I., *B* 118.
 Niemeyer, G., *B* 902.
 Nieminen, L., Kasanen, A., Kangas, L., Sairio, E., and Anttila, M., *B* 1335.
 Niesor, E., v. Lichaa, M., *B* 945.
 Nigg, E., Kessler, M., and Cherry, R.J., *B* 915.
 Niggli, Verena, Gazzotti, P., and Carafoli, E., *B* 1136.
 Nijhout, H.F., and Martin, S.K., *B* 758.
 Nimmo, I.A., *B* 1551.
 Nir, I., and Hirschmann, N., *B* 1645.
 Nishimoto, T., v. Mori, T., *B* 797.
 Nishimura, K., v. Iso, T., *B* 1202.
 Nishimura, T., v. Mori, T., *B* 797.
 Nissen, Catherine, Henauer, J., and Speck, B., *B* 1219.
 Nistri, A., and Arenson, M.S., *B* 1046.
 Njoroge, D., v. Wangai, J., *B* 874.
 Njoroge, K., v. Islam, A.S., *B* 328.

- Noda, Y., v. Mori, T., *B* 797.
 Noordegraaf, E. M., v. Balemans, M. G. M., *B* 887.
 Nordmann, R., v. Giudicelli, Y., *B* 161.
 Noteboom, W. D., v. Will, P. C., *B* 217.
 Nöthiger, R., *B* 950.
 Novak, Marie, *B* 1149.
 Novák, R., Matkovic, B., Marik, M., and Facht, J., *B* 1134.
 Novak, R. A., v. Hofert, J. F., *B* 40.
 Novotny, M., v. Maskarinec, M. P., *B* 88.
 Nozawa, Y., v. Kawai, K., *B* 977.
 Nozawa, Y., v. Shimonaka, H., *B* 586.
 Nozue, T., *B* 1347.
 Nüesch, J., v. Döbeli, H., *B* 1668.
 Numata (Sudo), Y., v. Nagatsu, T., *B* 305.
 Nuss, D., v. Bossart, W., *B* 1665.
 Nussdorfer, G. G., v. Neri, G., *B* 133, *B* 815.
 Nydegger, H., and Stadler, H., *B* 1319.
- Oakley, Lynnette, and Mayhew, T. M., *B* 1338.
 Oakley, N. R., v. Dray, A., *B* 68.
 Obara, K., v. Ota, M., *B* 540.
 Obara, K., v. Sato, N., *B* 1375.
 Obenberger, J., v. Ošťádalová, Ivana, *B* 222.
 Obrist, R., Albrecht, N., and Nagel, G. A., *B* 660.
 Ochando, Dolores, *B* 833.
 Ochiai, J., v. Fujita, K., *B* 523.
 O'Connor, J. D., v. Delbecq, J. P., *B* 1379.
 Odartchenko, N., Hoang, I., and Dysli, M., *B* 950.
 Odartchenko, N., v. Bürki, K., *B* 936.
 Odink, K., Fey, G., and Chapuis, Rose Marie, *B* 950.
 Oeldorf, E., v. Bachmann, K., *B* 331.
 Oertli, J. J., v. Flückiger, W., *B* 1274.
 Oesch, F., v. Friedberg, T., *B* 909.
 Oesch, F., v. Schwind, H., *B* 918.
 Oetliker, H., and Schümperli, R. A., *B* 902.
 Oetliker, H., v. Schümperli, R. A., *B* 903.
 Ogasawara, T., v. Ozeki, T., *B* 387.
 Ogata, N., *B* 1035.
 Ogle, C. W., v. Cho, C. H., *B* 90, *B* 1294.
 Ohno, T., Panyim, S., Schürch, A. R., and Jost, J. P., *B* 951.
 Ohno, T., v. Dierks-Ventling, C., *B* 938.
 Ohta, Y., v. Akasu, T., *B* 488.
 Ohtomo, T., v. Yoshida, K., *B* 885.
 Oikawa, T., v. Mori, T., *B* 797.
 Oishi, T., v. Takano, S., *B* 1063.
 Okamoto, K., v. Nagatsu, T., *B* 305.
 Okano, Y., v. Shimonaka, H., *B* 586.
 Okayama, M., v. Holtzer, H., *A* 281.
 Okonmah, A. D., and Soliman, K. F. A., *B* 1238.
 Okoyama, S., *B* 1639.
 Okuda, J., Miwa, I., Toyoda, Y., and Baba, S., *B* 563.
 Okuda, J., v. Miwa, I., *B* 167.
 Okunewick, J. P., and Braunschweiger, P. G., *B* 108.
 Olah, I., and Glick, B., *B* 1642.
 Olea, J., v. Currell, D. L., *B* 439.
 Oleszak, Emilia, v. Inglot, Anna D., *B* 1615.
 Oliveira, P. H., v. Fraser, J. R., *B* 1171.
 Ollagnier, M., v. Farges, J. P., *B* 631.
 Olmo, E., and Morescalchi, A., *B* 44.
 Olpe, H.-R., Dillier, N., and Koella, W. P., *B* 927.
 Olpe, H.-R., and Koella, W. P., *B* 235.
 Olpe, H.-R., v. Schmutz, M., *B* 930.
 Olpe, H.-R., v. Wolf, P., *B* 73.
 Onogi, K., v. Kojima, H., *B* 92.
 Ononogbu, Ikepundu C., *B* 1470.
 Onozuka, M., v. Sugaya, E., *B* 1299.
 Oppliger, M., v. Wüthrich, K., *B* 920.
 Orci, L., v. Carpentier, J.-L., *B* 936.
 Orci, L., v. Meda, P., *B* 947.
 Ord, T., v. Hansen, J., *B* 1357.
 Orensanz Muñoz, L. M., v. DeFeudis, F. V., *B* 1169.
- Ormai, S., v. Feuer, L., *B* 1356.
 Orsini, J.-P. G., v. Pasteur, G., *B* 1557.
 Osborne, N. N., Neuhoft, V., Sontag, K.-H., and Wolfarth, S., *B* 495.
 Osmond, D. G., v. Miller, S. C., *B* 129.
 Osswald, Ulrike, v. Braselmann, H., *B* 1478.
 Ošťádalová, Ivana, Babický, A., and Obenberger, J., *B* 222.
 Osztovics, Magda, v. Véghegyi, P. V., *B* 195.
 Ota, M., Sato, N., and Obara, K., *B* 540.
 Ota, M., v. Sato, N., *B* 1375.
 Otten, A., v. Steiner, W., *B* 918.
 Otten, U., Hatanaka, H., and Thoenen, H., *B* 951.
 Ouazana, R., *B* 170.
 Oulevey, N., Dicker, J. W., and Turian, G., *B* 840.
 Owen, G. S., v. Han, P. F., *B* 704.
 Ozawa, S., and Sand, O., *B* 542.
 Ozeki, T., Tokawa, Y., Ogasawara, T., Sato, K., and Kan, M., *B* 387.
- Pache, W., Keller, C., and Kuhn, M., *B* 1670.
 Pacheco, H., v. Martinet, M., *B* 1197.
 Padhy, R. N., and Singh, P. K., *B* 1565.
 Padmanabha Naidu, B., v. Chandra Sekara Reddy, D., *B* 606.
 Padmanabha Naidu, B., v. Jayaram, V., *B* 1184.
 Pahud, P., v. Ravussin, E., *B* 902.
 Painter, S. D., and Greenberg, M. J., *B* 1608.
 Paknikar, S. K., Veeravalli, Jaya, and Kirtany, J. K., *B* 553.
 Pakrashi, Anita, and Chakrabarty, B., *B* 1377.
 Pakrashi, Anita, and Shaha, Chandrima, *B* 1192.
 Palacios, G., *B* 653.
 Palatini, P., De Kruijff, B., and De Gier, J., *B* 1580.
 Palekar, A., v. Howd, R. A., *B* 1310.
 Palla, G., v. Franchini, I., *B* 250.
 Palmieri, M., v. Meyer, F., *B* 948.
 Palmieri, P., v. Eusebi, F., *B* 867.
 Palmieri, S., v. Baici, A., *B* 905.
 Panara, F., Cirotto, C., Arangi, I., and Barberini, L., *B* 983.
 Pang, E. J., v. Kasprisin, D. O., *B* 119.
 Pani, A., v. Pompei, R., *B* 1528.
 Panitz, E., Daniels, P. J. L., Loebenberg, D., Nafissi-V., M. M., and Waitz, J. A., *B* 733.
 Panula, P., Joó, F., and Rehardt, L., *B* 95.
 Panyim, S., v. Ohno, T., *B* 951.
 Paoletti, E., v. Bossart, W., *B* 1665.
 Papageorgiou, V. P., *B* 1499.
 Paparelli, M., v. Petrelli, F., *B* 193, *B* 1481.
 Paparelli, M., v. Tedeschi, G. G., *B* 458.
 Papeš, Dražena, Jelaska, Sibila, Tomaseo, Marina, and Devidé, Z., *B* 1016.
 Papka, R. E., *B* 655.
 Paradisi, F., v. Lombardi, L., *B* 1503.
 Parameswaran, N., *B* 1015.
 Parish, R. W., and Weibel, M., *B* 951.
 Parish, R. W., v. Hintermann, R., *B* 942.
 Parish, R. W., v. Widmer, R., *B* 961.
 Park, Y.-T., v. Lightner, D. A., *B* 555.
 Parmeggiani, P. L., v. Cianci, T., *B* 896.
 Paroz, Ph., and Nicolet, J., *B* 1668.
 Parr, M. J., v. Popham, E. J., *B* 1152.
 Parsons, P. A., and McDonald, Janice, *B* 1445.
 Partanen, S., v. Hervonen, A., *B* 111.
 Pasqualini, J. R., and Cosquer-Clavreul, C., *B* 268.
 Pasteur, G., Pasteur, N., and Orsini, J.-P. G., *B* 1557.
 Pasteur, Nicole, and Sinègre, G., *B* 709.
 Pasteur, N., v. Pasteur, G., *B* 1557.
 Patel, R. N., v. Rose, G. E., *B* 550.
 Patelli, B., v. Arcamone, F., *B* 1255.
 Pathak, R. M., v. Mahmood, A., *B* 741.
- Patthey, H. L., v. Adhikary, P. K., *B* 804.
 Paul, D., v. Singh, H., *B* 557.
 Paula-Barboas, M. M., Sobrinho-Simões, M. A., and Cruz, C., *B* 100.
 Pauly, S., v. Carruthers, C., *B* 788.
 Paumgartner, G., v. Karlaganis, G., *B* 913.
 Pavan Kumar, T., and Sasira Babu, K., *B* 612.
 Pavan Kumar, T., v. Vijayalakshmi, S., *B* 192.
 Pavel, S., v. Reinharz, A. C., *B* 1232.
 Pawlikowski, M., Kunert-Radek, J., and Stepień, H., *B* 271.
 Payne, T. L., v. Dickens, J. C., *B* 463.
 Peacock, A. J., *B* 1546.
 Pearce, F. L., v. Banks, Barbara E. C., *B* 1371.
 Pearson, D. V., v. Yen, T. T., *B* 1542.
 Pearson, K. H., v. Skrinska, V. A., *B* 15.
 Peaucellier, G., *B* 789.
 Peck, R. K., Maffia, Jacqueline, and Haller, G. de, *B* 951.
 Pederson, D. M., v. Goodman, R. E., *B* 910.
 Pelloni, G., Wallimann, T., and Eppenberger, H. M., *B* 951.
 Pennington, S. N., Barakat, H. A., Dohm, G. L., and Smith, C. P., *B* 564.
 Pequex, A., and Gilles, R., *B* 1593.
 Perez, E., v. Cianci, T., *B* 896.
 Perin, F., v. Schwind, H., *B* 918.
 Periquet, G., *B* 1438.
 Peristiany, J. G., Huggel, H., and Bisetti, M.-L., *A* 1400, *A* 1415.
 Perna, B., Croitoru, N., and Ishay, J. S., *B* 1022.
 Perraudin, J.-P., v. Looze, Y., *B* 1017.
 Perrelet, A., v. Meda, P., *B* 947.
 Perret, B. A., Furlan, M., and Beck, E. A., *B* 915.
 Perriard, J. C., and Eppenberger, H. M., *B* 1149.
 Perriard, J. C., Perriard, E. R., and Eppenberger, H. M., *B* 951.
 Perriard, E. R., v. Perriard, J. C., *B* 951.
 Perriard, J. C., v. Caravatti, M., *B* 936.
 Perriard, J. C., v. Mähr, R., *B* 946.
 Persaud, T. V. N., v. Pope, W. D. B., *B* 1332.
 Persy, G., v. King, P. J., *B* 944.
 Peskar, B. A., v. Anhut, H., *B* 1494.
 Peskar, B. M., v. Anhut, H., *B* 1494.
 Pessina, A., Brambilla, P., and Balzarini, Daniela, *B* 1518.
 Petáková, M., v. Rybák, M., *B* 28.
 Peterajová, E., v. Kováč, L., *B* 604.
 Peterhans, E., v. Schümperli, D., *B* 957, *B* 1665.
 Peters, A., v. Boyd, W. H., *B* 1090.
 Peters, G., v. Atkinson, J., *B* 921.
 Peters, G., v. Burckhardt, Ruth, *B* 922.
 Peters, G., v. Kaesermann, H. P., *B* 925, *B* 926.
 Peters-Haefeli, L., v. Atkinson, J., *B* 921.
 Peterson, G. R., v. Sedmak, P. A., *B* 1059.
 Petrelli, F., Coderoni, S., Moretti, P., Marsili, G., and Paparelli, M., *B* 193.
 Petrelli, F., Coderoni, S., Moretti, P., Paparelli, M., and Parra, D., *B* 1481.
 Petri, L., v. Lebek, G., *B* 1666.
 Pettit, G. R., v. Polonsky, Judith, *B* 1122.
 Pettit, G. R., v. Schmidt, J. M., *B* 659.
 Pettit, N. M., v. Burns, R. G., *B* 301.
 Pfeiffer, J., v. Rossier, M., *B* 954.
 Phan, C. T., v. Cailloux, M., *B* 730.
 Picardo, M., v. Eusebi, F., *B* 867.
 Picotti, G. B., v. Carruba, M. O., *B* 923.
 Picotti, G. B., v. Da Prada, M., *B* 928.
 Pieri, L., v. Laurent, J. P., *B* 926.
 Pieri, M., Burkard, W., Keller, H., and Schaffner, R., *B* 928.
 Pietra, P., Angioy, A. M., Liscia, A., and Crnjar, R., *B* 491.
 Piffaretti, J.-Cl., and Froment, Y., *B* 952, *B* 1659.

- Piffaretti, J.-Cl., v. Zimmermann, J. M., B 962.
- Pijnacker, L. P., and Ferwerda, M. A., B 1558.
- Pilotto, F., v. Bairati, Jr. A., B 1636.
- Pinsky, A., v. Gilboa-Garber, N., B 992.
- Pipy, B., Béraud, M., et Gaillard, D., B 87.
- Piquet, Y., v. Cambar, J., B 747.
- Piras, M. B., v. Concu, A., B 375.
- Pirrotta, V., v. Bächli, B., B 1660.
- Pistoia, V., Ciani, A., Villaggio, B., and Murolo, C., B 1453.
- Pitton, J.-S., B 1660.
- Platica, Micsunica, Harding, W., and Hollander, V. P., B 1154.
- Platt, H. A., v. Davis, R. H., B 184.
- Pletscher, A., v. Graf, M., B 924.
- Pletscher, A., v. Saner, A., B 929.
- Pliška, V., B 1190.
- Pliška, V., v. Beck, S., B 933.
- Pliška, V., v. Süß, U., B 955.
- Pogády, J., v. Kováč, L., B 604.
- Pogátsa, G., and Dubecz, E., B 1600.
- Pohlová, I., v. Karen, P., B 622.
- Pointner, H., v. Hinterberger, W., B 860.
- Pokrovsky, A. A., v. Chandhary, L. R., B 991.
- Polastro, E., v. Deconinck, M., B 569.
- Polc, P., B 928.
- Politch, J. A., v. Herrenkohl, Lorraine R., B 1240.
- Pollack, J. G., and Winters, R. W., B 80.
- Polonsky, Judith, Varon, Zoia, Jacquemin, H., and Pettit, G. R., B 1122.
- Pompei, R., Marcialis, M. A., Flore, O., Pani, A., Marongiu, M. E., and Manconi, P. E., B 1528.
- Pop, Liliane, v. Schulze, H.-U., B 338.
- Pope, W. D. B., and Persaud, T. V. N., B 1332.
- Popham, E. J., Parr, M. J., and Chowdhury, Vijay, B 1152.
- Porter, P. J., v. Knoll, H. R., B 1133.
- Portmann, P., v. Jörg, A., B 1654.
- Portmann, R., Busslinger, M., and Birnstiel, M., B 952.
- Pösch, E., v. Selmecci, L., B 219.
- Posthuma, G., v. Broertjes, J. J. S., B 1243.
- Postnov, Yu. V., v. Boriskina, G. M., B 744.
- Potier, P., v. Clastres, A., B 973.
- Potier, P., v. Zavala, F., B 1497.
- Potrykus, I., Harms, C. T., and Lörz, H., B 952.
- Potrykus, I., v. Harms, C. T., B 941.
- Potrykus, I., v. Lörz, H., B 946.
- Potter, C., v. Botham, R. P., B 207, B 209.
- Poupat, C., v. Clastres, A., B 973.
- Powell, C. N., B 1450.
- Pradhan, D. S., v. Chetty, K. G., B 32.
- Pradhan, D. S., v. Subbarao, M. N., B 1279.
- Prasad, K. N., and Sakamoto, A., B 1575.
- Prasad, N., v. Prasad, R., B 484.
- Prasad, R., Mukhopadhyay, A., and Prasad, N., B 484.
- Prasad, R. S., v. Thomas, Ch., B 1440.
- Pratesi, G., v. Arcamone, F., B 1255.
- Prazma, J., B 1387.
- Preiksaitis, H., v. Trifaró, J. M., B 1568.
- Prentki, M., Gabbiani, G., Chaponnier, C., and Jeanrenaud, B., B 916.
- Prestwich, G. D., B 682.
- Pretel, M. A., and Diaz de la Guardia, G. R., B 325.
- Pretel, M. A., v. Diaz de la Guardia, G. R., B 706.
- Preuss, H. G., v. Rakowski, T. A., B 359.
- Price, H. J., v. Hemleben, V., B 1452.
- Prince, A. M., v. Neurath, A. R., B 414.
- Probst, E., v. Kressmann, A., B 944.
- Proctor-Bowen, F., B 1143.
- Prodi, G., v. Arfellini, G., B 185.
- Prokopowicz, J., v. Kemona, H., B 257.
- Prokopowicz, J., v. Szmikowski, M., B 1365.
- Prota, G., v. Cariello, L., B 1427.
- Puccetti, P., Giampietri, A., and Fioretti, M. C., B 799.
- Puche Canas, E., v. Algeri, A., B 1488.
- Puckett, Marianne, v. Acosta, D., B 1388.
- Pugatsch, Thea, and Zuber, H., B 952.
- Pugh-Humphreys, R. G. P., v. Thomson, A. W., B 528.
- Pugliarello, M. C., v. Rasi-Caldogno, F., B 841.
- Puri, E. C., Turner, D. C., Chiquet, M., and Müller, M., B 952.
- Pusch, H., B 1103.
- Pyle, D. W., and Gromko, M. H., B 449.
- Quijano, L., v. Calderon, J. S., B 421.
- Quinn, R. J., v. Bach, B., B 688.
- Quint, P., v. Althoff, J., B 692.
- Qureshi, M. A., and Mayee, C. D., B 336.
- Rabes, H. M., Carl, P., and Rattenhuber, U., B 1510.
- Rabinowitz, R., v. Eshel, Y., B 212.
- Radeke, E., and Delini-Stula, A., B 929.
- Radics, L., v. Casinovi, C. G., B 298.
- Rageth, B., v. Zbinden, G., B 931.
- Ragghianti, Matilde, v. Bucci-Innocenti, Stefania, B 1002.
- Raghuveeran, C. D., v. Chowdhury, A. R., B 494, B 1327.
- Rahman, A. A., and Sethi, K. K., B 598.
- Rai, V. K., Joshi, R. P., and Banyal, S., B 1148.
- Raisman, Rita, v. Del Rio, A. G., B 670.
- Raj, R. K., v. Sasi, P. K., B 1156.
- Rajasekariah, G. R., B 1458.
- Rakhmanina, T. F., v. Komov, V. P., B 24.
- Rakić, Ljubiša, v. Rusić, Mirjana, B 696.
- Rakowski, T. A., Vertuno, L. L., and Preuss, H. G., B 359.
- Ráliš, Z. A., B 1203.
- Ramakrishnan, C. V., and Subramoniam, A., B 435.
- Ramana Rao, K. V., and Begum, Md. R., B 746.
- Ranganathan, B., v. Singh, J., B 183.
- Rasi-Caldogno, F., Cerana, R., and Pugliarello, M. C., B 841.
- Rasmussen, S. A., v. Frederick, E. C., B 372.
- Rastogi, R. K., v. Di Meglio, M., B 267.
- Rattenhuber, U., v. Rabes, H. M., B 1510.
- Ravindranath, K. R., v. Joshi, B. S., B 422.
- Ravussin, E., Pahud, P., Dörner, A., Arnaud, M., and Jéquier, E., B 902.
- Raymond, F., v. Weinshilboum, R. M., B 310.
- Razafitsalama, D., v. Lautier, F., B 1665.
- Re, M., Spera, G., Maselli, G., and Iannitelli, M., B 1081.
- Reader, T. A., B 1586.
- Rebière, A., v. Dainat, J., B 264.
- Rechardt, L., v. Panula, P., B 95.
- Rechav, Y., B 478.
- Redweik, U., v. Zagalak, B., B 1537.
- Regenass, U., and Bernhard, H. P., B 952.
- Reichelt, J. L., v. Bach, B., B 688.
- Reichert, F., v. Ben-Ishay, Z., B 1369.
- Reid, R. G. B., v. Fankboner, P. V., B 728.
- Reids, R., v. Engels, J., B 14.
- Reigel, F., and Koblet, H., B 1664.
- Reigh, D. L., Stuart, Melissa, and Floyd, R. A., B 107.
- Reimer, A.-S., v. Eichele, G., B 908.
- Reinert, H., Markstein, R., and Wagner, H., B 929.
- Reinharz, A. C., Pavel, S., and Vallotton, M. B., B 1232.
- Reinis, S., v. Featherstone, J. W., B 854.
- Reinke, D. A., v. Styles, V. G., B 1025.
- Reinoso-Suárez, F., v. Gutiérrez-Rivas, E., B 61.
- Reiser, J., v. Bächli, B., B 1660.
- Reiter, R. J., v. Vaughan, G. M., B 1378.
- Reizenstein, P., v. Miale, T., B 1220.
- Remé, Charlotte, B 953.
- Remes, P., v. Mareš, P., B 1308.
- Renaud, J.-F., v. Ferrand, R., B 263.
- Rengel, M. A., v. Lopez-Novoa, J. M., B 1613.
- Reubi, J. C., B 929.
- Rey, F., and Felber, J.-P., B 916.
- Rey-Bellet, V., and Türlér, H., B 953.
- Reyers, I., Donati, M. B., and Gaetano, G. de, B 664.
- Reymond, M., v. Gomez, F., B 940.
- Rhodes, R. S., v. Adhikary, P. K., B 804.
- Ricca, M. B., v. Bonina, M. T., B 1284.
- Richardson, Carol L., Merriitt, W. D., Keenan, T. W., and Morré, D. James, B 571.
- Richardson, B. P., v. Zwahlen, R., B 962.
- Richmond, M. H., B 1657.
- Richoz, E., v. Masson, A., B 1665.
- Richter, C., v. Conscience, J.-F., B 953.
- Rickert, D. E., v. Styles, V. G., B 1025.
- Rieckesmann, J.-M., v. Göthert, M., B 382.
- Rieder, R., and Bosshard, H. R., B 916.
- Rieppel, O., B 776.
- Riesen-Willi, U., v. Ineichen, H., B 943.
- Rifat, A., and Epstein, R. H., B 953.
- Rinderknecht, E., and Humbel, R. E., B 916.
- Rinehart, Jr. K. L., v. Caccamese, S., B 1129.
- Ring, F., v. Silberbauer, K., B 1471.
- Ringdahl, B., and Dahlbom, R., B 1334.
- Rios, T., v. Calderon, J. S., B 421.
- Ris, M. M., v. Müntz, G. J., B 927.
- Rishi, K. K., v. Rishi, S., B 451.
- Rishi, S., and Rishi, K. K., B 451.
- Risinger, G. E., Karimian, K., Jungk, St., and Simpson, J. B., B 1121.
- Robertson, L. W., Koh, S.-W., Huff, S. R., Malhotra, R. K., and Ghosh, A., B 1020.
- Robson, E. A., v. Gardner, C. R., B 1576, B 1577.
- Roch-Ramel, Françoise, v. Schälü, Ch., B 929.
- Rochaix, J.-D., and Malnoe, P., B 953.
- Rochaix, J.-D., v. Marco, Y., B 946.
- Rochaix, J.-D., v. Malnoe, P., B 946.
- Roches, J.-C., Fässler, A., Zumstein, H. R., Scollo-Lavizzari, G., and Hösl, L., B 902.
- Rodbard, S., v. Wroblewski, T. E., B 1467.
- Rodriguez, A., v. Tchernitchin, A., B 134.
- Rodriguez-Echandia, E. L., v. Cano, J., B 1290.
- Rodriguez-Echandia, E. L., v. Léon-Felü, E., B 1352.
- Roeymans, H. J., v. van Eijk, G. W., B 1257.
- Rogers, H. J., v. Chegwidan, R., B 497.
- Rogers, K. S., v. Higgins, E. S., B 578.
- Rohner, F., and Jeanrenaud, B., B 916.
- Rolf, R. H., Matz, D. R., and Brune, G. G., B 74.
- Rolland, B., v. Tardy, M., B 823, B 1137.
- Römer, C., and Brodbeck, U., B 916.
- Römer, J., v. Bickel, M. H., B 1047.
- Romita, G., v. Franchini, I., B 250.
- Romruen, K., v. Angsubhakorn, S., B 1069.
- Ronchetti, F., v. Nicotra, F., B 699.
- Roos, R., v. Schupp, T., B 1669.
- Rose, G. E., and Patel, R. N., B 550.
- Röseler, P.-F., v. van Honk, C. G. J., B 838.
- Rosenbusch, J. P., v. Schindler, H., B 956.
- Rosenthal, G. A., B 1539.
- Ross, H. A., B 538.
- Rosset, J., v. Horisberger, M., B 274.
- Rosset, J., v. Vonlanthen, M., B 960.
- Rossi, C., v. Casinovi, C. G., B 298.
- Rossier, B., Gäggeler, H. P., and Rossier, M., B 929.
- Rossier, B., v. Rossier, M., B 954.
- Rossier, C., B 954.
- Rossier, M., Rossier, B., Pfeiffer, J., and Kraehenbühl, J.-P., B 954.
- Rossier, M., v. Rossier, B., B 929.
- Roth, Y.-F., B 954.
- Rothchild, I., v. Castracane, V. D., B 131.

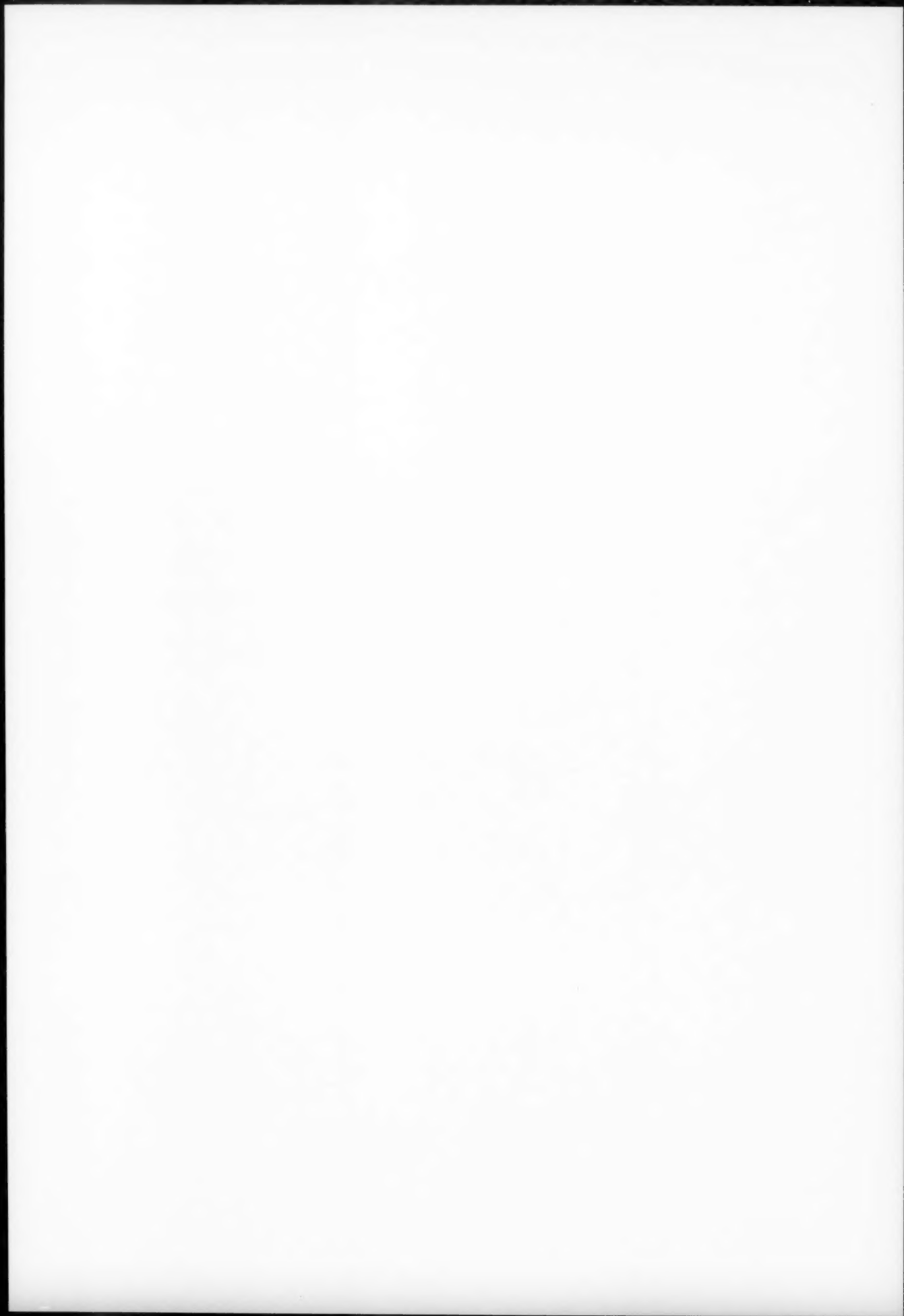
- Rous, S., v. Bas, S., *B* 905.
Rous, S., v. Cao, T. P., *B* 907.
Rous, S., v. Mayobre, M. L., *B* 915.
Rous, S., v. Sengupta, S., *B* 917.
Rouse, B. T., Babiuk, L. A., and Henson, P. M., *B* 346.
Rouzer, C. A., v. Stevens, V. J., *B* 918.
Rowland, J., v. Stenbäck, F., *B* 1065.
Roy, R. M., v. Malick, M. A., *B* 1216.
Roza, C., v. Cano, J., *B* 1290.
Rożinkowa, D., v. Kędziora, J., *B* 712.
Rüegg, J. C., v. Güth, K., *B* 1183.
Rüegg, R., v. Mayer, H., *A* 1105.
Rüegg, U. T., Kohler, A., Montesano, R., Vassalli, P., and Fulpius, B. W., *B* 917.
Rüegg, U., v. Tartakoff, A. M., *B* 958.
Ruiz Bustos, A., v. Britton-Davidian, J., *B* 1144.
Rungger, D., and Türlér, H., *B* 954.
Rungger, D., v. Crippa, M., *B* 937.
Rungger, D., v. von der Helm, K., *B* 942.
Rungger-Brändle, E., Jamrich, M., and Bautz, E. K. F., *B* 954.
Rungger, E., v. Gabbiani, G., *B* 940.
Rusić, Mirjana, Levental, Milica, and Rakić, Ljubiša, *B* 696.
Russell, G. B., v. Greenwood, D. R., *B* 687.
Russell, P. B., v. Yardley, J. P., *B* 1124.
Russo, G., v. Nicotra, F., *B* 699.
Ruth, J. A., v. Eiden, L. E., *B* 1062.
Ryan, J. W., v. Dorer, F. E., *B* 1436.
Rybák, M., Rybáková, B., and Petáková, M., *B* 28.
Rybáková, B., v. Rybák, M., *B* 28.
Ryffel, G. U., v. Felber, B. K., *B* 939.
Ryffel, G. U., v. Jaggi, R., *B* 943.
Ryu, S., v. Kawa, A., *B* 814.
- Sachsse, W., v. Weiler, J., *B* 334.
Sackman, J. W., v. Vaughan, G. M., *B* 1378.
Saddler, J. N., and Wardlaw, A. C., *B* 1227.
Saedler, H., *B* 1658.
Sahaphong, S., v. Angsubhakorn, S., *B* 1069.
Saharan, B. R., v. Uma Devi, P., *B* 91.
Sahni, S. L., v. Sinha, M. P., *B* 53.
Sahu, S. K., v. Kataoka, S., *B* 879.
Sainerová, Hana, v. Hála, K., *B* 1556.
Saini, M. R., Uma Devi, P., and Yadav, S. S., *B* 1627.
Sairio, E., v. Nieminen, L., *B* 1335.
Saito, H., v. Fujita, K., *B* 523.
Saito, Masayuki, and Suda, Masami, *B* 700.
Saito, M., v. Itoh, M., *B* 988.
Saive, J.-J., v. LaManna, J. C., *B* 203.
Sajdak, A., and Shaath, N., *B* 821.
Sakaguchi, S., v. Kawa, A., *B* 669.
Sakai, A., v. Singh, U. P., *B* 1447.
Sakakibara, S., v. Kato, T., *B* 319.
Sakamoto, A., v. Prasad, K. N., *B* 1575.
Salamin, A., v. Danisi, G., *B* 897.
Salcedo, G., v. García-Olmedo, F., *B* 332.
Salmona, M., v. Fanelli, R., *B* 1126.
Salokangas, A., v. Bechtel, E., *B* 932.
Salomon, C., Türlér, H., and Spahr, P. F., *B* 954.
Salomon, C., v. Türlér, H., *B* 959.
Salunkhe, D. K., v. Wu, M. T., *B* 214.
Salzarulo, L. M., Ciesla, M., and Viggiani, E., *B* 1382.
Salzmann, M., Carafoli, E., and Jakob, A., *B* 917.
Salzmann, M., v. Jakob, A., *B* 912.
Sanchez del Alamo, M., v. DeFeudis, F. V., *B* 1169.
Sancho, María José, v. Arrondo, J. L. R., *B* 1099.
Sand, O., v. Ozawa, S., *B* 542.
Sandquist, D., v. Kataoka, S., *B* 879.
Sane, A. S., and Kukreti, S. C., *B* 213.
Saner, A., and Pletscher, A., *B* 929.
Sanford, P. A., v. Hardcastle, J., *B* 617.
Santacroce, C., v. Cafieri, F., *B* 300.
- Sargent, D. F., v. Schoch, P., *B* 956.
Sarhan, F., v. Hamelin, C., *B* 1578.
Sasi, P. K., and Raj, R. K., *B* 1156.
Sasira Babu, K., v. Pavan Kumar, T., *B* 612.
Sasira Babu, K., v. Venkateswarlu, D., *B* 233.
Sasira Babu, K., v. Vijayalakshmi, S., *B* 192.
Sastry, A. N., and Ellington, W. R., *B* 308.
Sato, H., and Semba, R., *B* 221.
Sato, K., v. Ozeki, T., *B* 387.
Sato, N., Ota, M., and Ocará, K., *B* 1375.
Sato, N., v. Ota, M., *B* 540.
Sato, T., v. Sugimoto, K., *B* 196, *B* 611.
Sauer, J. R., v. McMullen, H. L., *B* 1030.
Savion, S., v. Tal, E., *B* 536.
Sawicka, J., Kornacka, L., and Malec, J., *B* 309.
Saxena, B. P., v. Koul, O., *B* 1590.
Saxena, K. N., and Goyal, Shashi, *B* 35.
Saxena, Padma, *B* 1579.
Saxena, Rajendra K., and Sinha, Umakant, *B* 43.
Saxena, S. C., and Sushma, *B* 1162.
Scadding, S. R., v. Barber, D. Louise, *B* 1209.
Scalenghe, F., v. Buscaglia, M., *B* 936.
Scanes, C. G., v. Harvey, S., *B* 1096.
Schaefer, A., v. Seregi, A., *B* 1056.
Schäfer, R., v. Jutzi, H., *B* 912.
Schaffer, P., Grange, D., and Lavillaureix, J., *B* 1661.
Schaffner, R., v. Pieri, M., *B* 928.
Schäli, Ch., and Roch-Ramel, Françoise, *B* 929.
Schär, H. P., v. Tratschin, J. D., *B* 919.
Schär, M., v. Grüniger, H., *B* 910.
Schärl, C., Gyalog, R., and Kellenberger, E., *B* 1666.
Scharovsky, Graciela O., Dlugovitzky, Diana G., Morini, J. C., and Londner, M. V., *B* 1366.
Schaub, M. C., v. Mondadori, C., *B* 901.
Schedlbauer, L., v. Kelly, Sally, *B* 1560.
Scheid, Margrit P., v. Schlesinger, D. H., *B* 703.
Schendel, D. J., v. Bonnard, G. D., *B* 934.
Schenkel, L., v. Joss, U., *B* 925.
Scherrer, K., v. Civelli, O., *B* 936.
Schiefer, H.-G., Krauss, H., Schummer, U., Brunner, H., and Gerhardt, U., *B* 1011.
Schiessler, H., v. Schill, W.-B., *B* 509.
Schill, W.-B., Wallner, O., Schiessler, H., and Fritz, H., *B* 509.
Schilt, U., *B* 1664.
Schindler, H., and Rosenbusch, J. P., *B* 956.
Schipp, R., *A* 1410.
Schlaghecke, R., and Blüm, V., *B* 456, *B* 1019.
Schlatter, Ch., v. Jaggi, W., *B* 925.
Schlatter, Ch., v. Lüthy, J., *B* 926.
Schlatter, Ch., v. Lutz, W. K., *B* 927.
Schlatter, Ch., v. Manthey, B., *B* 927.
Schlatter, J., and Bättig, K., *B* 930.
Schlegel, W., *B* 956.
Schleidt, W. M., v. Magyar, Irene, *B* 676.
Schlesinger, D. H., Goldstein, G., Scheid, Margrit P., and Bitensky, M., *B* 703.
Schlienger, C., v. Hofer, R. M., *B* 942.
Schmid, A., v. Mekler, P., *B* 947.
Schmid, B., and Zbinden, G., *B* 930.
Schmid, K., Garvin, P. F., and Mao, S. K. Y., *B* 826.
Schmidlin, S., v. Hintermann, R., *B* 942.
Schmidt, H. P., v. Geyer, G., *B* 363.
Schmidt, J. M., and Pettit, G. R., *B* 659.
Schmidt-Nielsen, K., v. Goldspink, G., *B* 862.
Schmidt, O., v. Jäckle, H., *B* 1260.
Schmidt, Th., and Kubli, E., *B* 956.
Schmidt, Th., v. Kubli, E., *B* 945.
Schmidt, W., and Jähnchen, E., *B* 1323.
Schmutz, M., Olpe, H.-R., and Koella, W. P., *B* 930.
Schneider, H., Iverson, W. G., Fuhrmann, G. F., and Fiechter, A., *B* 918.
- Schneider, R., Schwyzer, M., and Weil, R., *B* 956.
Schneck, A.-G., v. Looze, Y., *B* 1017.
Schneider, K., v. Krinke, G., *B* 1077.
Schnyder, J., Dewald, B., Baggiolini, M., and Laug, W. E., *B* 956.
Schoch, P., Sargent, D. F., and Schwyzer, R., *B* 956.
Schoental, R., Joffe, A. Z., and Yagen, B., *B* 763.
Scholer, D. W., and Edelman, I. S., *B* 918.
Scholz, H., v. Kruse, Eva, *B* 504.
Schorderet, M., v. Magistretti, P., *B* 927.
Schraudolph, H., v. Bürcky, K., *B* 718.
Schulmanová, Jana, v. Hála, K., *B* 1556.
Schultz, J., Kleefeld, Gertrud, and Moulin, A. du, *B* 1432.
Schulze, H.-U., and Pop, Liliane, *B* 338.
Schumacher, K. A., and Starke, K., *B* 223.
Schumann, G., v. DeLamarter, J. F., *B* 945.
Schummer, U., v. Schiefer, H.-G., *B* 1011.
Schümperli, D., Loepfe, E., Peterhans, E., and Wyler, R., *B* 957, *B* 1665.
Schümperli, R. A., Oetliker, H., and Murali, A. von, *B* 903.
Schümperli, R. A., v. Oetliker, H., *B* 902.
Schupp, T., and Roos, R., *B* 1669.
Schürch, A. R., and Bieri-Bonniot, F., *B* 1667.
Schürch, A. R., and Jost, J. P., *B* 957.
Schürch, A. R., v. Bieri-Bonniot, F., *B* 933.
Schürch, A. R., v. Ohno, T., *B* 951.
Schürch-Rathgeb, Y., and Monard, D., *B* 957.
Schürmann, F. W., *B* 779.
Schurter, W., Kissling-Abderhalden, M., and Leisinger, Th., *B* 1669.
Schwab, M., Haas, J., Abdo, S., Ahuja, M. R., Kollinger, G., Anders, A., and Anders, F., *B* 780.
Schwab, M., v. Dumas, M., *B* 938.
Schwab, M. E., and Thoenen, H., *B* 957.
Schwartzman, R. J., Kogure, K., and Bustos, R., *B* 1175.
Schweizer, J., and Marks, F., *B* 1235.
Schwendimann, B., v. Erard, F., *B* 908.
Schwind, H., Oesch, F., Zajdela, F., Jacquignon, P., Croisy, A., Perin, F., and Glatt, H., *B* 918.
Schwitzguébel, J.-P., and Ettlinger, L., *B* 1670.
Schwyzer, M., v. Schneider, R., *B* 956.
Schwyzer, R., v. Bürgisser, E., *B* 935.
Schwyzer, R., v. Eberle, A., *B* 938.
Schwyzer, R., v. Schoch, P., *B* 956.
Scollo-Lavizzari, G., v. Roches, J.-C., *B* 902.
Scott Ramsey, W., and Hertl, W., *B* 851.
Seal, M., v. Srivastava, C. B. L., *B* 1345.
Šebóková, E., v. Kolena, J., *B* 266.
Sedmak, D., v. Sedmak, P. A., *B* 1059.
Sedmak, P. A., Sedmak, D., Fritz, H. I., and Peterson, G. R., *B* 1059.
Seebeck, T., Stalder, J., and Braun, R., *B* 955.
Seebeck, T., v. Braun, R., *B* 1670.
Seebeck, T., v. Stalder, J., *B* 957.
Seeman, P., v. Titeler, M., *B* 1490.
Segal, M., Edelstein, E. L., and Lerer, B., *B* 629.
Segawa, M., v. Kondo, K., *B* 996.
Segenreich, E., v. Landau, B., *B* 1301.
Segerson, Jr. E. C., and Gray, R. C., *B* 831.
Segu, L., v. Bessone, R., *B* 1038.
Sehnal, F., v. Malá, J., *B* 1233.
Seidel, G., and Endell, W., *B* 1614.
Seidler, E., v. Braselmann, H., *B* 1478.
Seigneux, M. de, Duborgel, Françoise, and Haller, D. de, *B* 955.
Seiler, J. P., *B* 851.
Selman, A., and de la Torre, C., *B* 1455.
Selmecsi, L., Szepesházi, K., Pösch, E., and Härsing, L., *B* 219.
Semba, R., v. Sato, H., *B* 221.

- Semenza, G., v. Biber, J., *B* 906.
Semenza, G., v. Toggenburger, G., *B* 919.
Sempie, R.L., v. Amos, T.G., *B* 469.
Sen, S., *B* 724.
Sengupta, S., and Rous, S., *B* 917.
Seregí, A., Schaefer, A., and Komlós, Márta, *B* 1056.
Sethi, K.K., v. Rahman, A.A., *B* 598.
Sevdalian, D.A., and Zielke, H.R., *B* 843.
Severs, N.J., and Jordan, E.G., *B* 1007.
Sewell, C.E., v. Doherty, R.A., *B* 871.
Sewing, K.-Fr., v. Foessel, S., *B* 205.
Seyama, Y., v. Yamashita, S., *B* 472.
Seydoux, J., Brunsmann, M.J.A.,
Jeanrenaud, B., and Girardier, L., *B* 902.
Shaath, N., v. Sajdak, A., *B* 821.
Shah, G.V., and Sheth, A.R., *B* 980.
Shaha, Chandrima, v. Pakrashi, Anita, *B* 1192.
Shankararayan, K.A., v. Kathju, S., *B* 848.
Shapovalov, A.I., and Shiriaev, B.I., *B* 67.
Sharma, M.L., v. Thakur, R.S., *B* 158.
Sharma, M.P., Mathur, R.S., and Mehta, K., *B* 1374.
Sharma, P.R., v. Gruenberg, J., *B* 910.
Sharma, R., v. Kumar, P., *B* 434.
Sharma, S.P., v. Manocha, S.L., *B* 377.
Sharon, S., v. Ben-Ishay, Z., *B* 1369.
Sheid, B., *B* 877.
Sheorain, V.S., v. Mattock, M.B., *B* 304.
Sheppard, J., v. Nielsen, K., *B* 118.
Sheridan, W., v. Bürki, K., *B* 936.
Sherman, Adria Rothman, and Wolinsky, Ira, *B* 367.
Sherman, D.M., v. Krause, W.J., *B* 405.
Sherry, C.J., and Burnett, R.E., *B* 492.
Sheth, A.R., v. Shah, G.V., *B* 980.
Shiba, Y., Muncoka, Y., and Kanno, Y., *B* 57.
Shikimi, T., Inagaki, C., and Takaori, S., *B* 1188.
Shimamura, T., *B* 1196.
Shimazaki, Y., v. Kuratsuka, K., *B* 1483.
Shimonaka, H., Fukushima, H., Kawai, K., Nagao, S., Okano, Y., and Nozawa, Y., *B* 586.
Shimony, T., v. Nevo, E., *B* 1562.
Shinpo, K., v. Fujita, K., *B* 523.
Shipley, G., v. Maskarinec, M.P., *B* 88.
Shirasawa, N., v. Matsuno, T., *B* 54.
Shiriaev, B.I., v. Shapovalov, A.I., *B* 67.
Shishido, A., v. Matsuno, T., *B* 54.
Sidler, W., Frank, G., and Zuber, H., *B* 917.
Sidler, W., v. Frank, G., *B* 940.
Sidon, E.W., v. Youson, J.H., *B* 1084.
Sieber, R., and Benz, G., *B* 1647.
Siegel, I.A., v. Izutsu, K.T., *B* 731.
Sieggers, C.-P., *B* 1318.
Siegfried, J., v. Haas, H.L., *B* 924.
Sieg, G., and Frösner, G.G., *B* 1663.
Siegrist, H.P., Jutzi, H., Burkart, T., Wiesmann, U., and Herschkowitz, N., *B* 917.
Siegrist, H.P., v. Burkart, T., *B* 907.
Siegrist, P., v. Jutzi, H., *B* 912.
Silberbauer, K., Sinzinger, H., Winter, Maya, Feigl, W., and Ring, F., *B* 1471.
Silbermann, M., v. Coleman, R., *B* 1049.
Siler-Khodr, T.M., v. Vaughan, G.M., *B* 1378.
Silver, A., v. Bligh, J., *B* 370, *B* 1043.
Silver, L., v. Caro, L., *B* 1659.
Simplăceanu, V., v. Vasilescu, V., *B* 1443.
Simpson, J.B., v. Risinger, G.E., *B* 1121.
Sinclair, J.F., v. Althaus, F., *B* 921.
Sinclair, P., v. Althaus, F., *B* 921.
Sinègre, G., v. Pasteur, Nicole, *B* 709.
Singer, R., v. Landau, B., *B* 1301.
Singh, A.K., v. Singh, U.P., *B* 1447.
Singh, Baldev, v. Garg, S.K., *B* 1237.
Singh, B., v. Kumar, P., *B* 434.
Singh, D.K., v. Yarbrough, G.G., *B* 390.
Singh, H., Bhutani, K.K., Malhotra, R.K., and Paul, D., *B* 557.
Singh, J., and Ranganathan, B., *B* 183.
Singh, K., *B* 433, *B* 551.
Singh, Kavindra, and Singh, K.M.N., *B* 1130.
Singh, K.M.N., v. Singh, Kavindra, *B* 1130.
Singh, M.P., and Kalia, C.S., *B* 1437.
Singh, O.P., v. Singh, S.P., *B* 994.
Singh, P.K., v. Padhy, R.N., *B* 1565.
Singh, R.K., Singh, S.B., Khan, T.R., and Singh, T.K., *B* 186.
Singh, R.K., v. Khan, T.R., *B* 49.
Singh, S.B., v. Khan, T.R., *B* 49.
Singh, S.B., v. Singh, R.K., *B* 186.
Singh, S.N., v. Giri, K.V., *B* 1270.
Singh, S.P., and Singh, O.P., *B* 994.
Singh, T.K., v. Khan, T.R., *B* 49.
Singh, T.K., v. Singh, R.K., *B* 186.
Singh, U.P., Sakai, A., and Singh, A.K., *B* 1447.
Sinha, A.K., *B* 1029.
Sinha, D.P., v. Sinha, M.P., *B* 53.
Sinha, M.P., Sahni, S.L., and Sinha, D.P., *B* 53.
Sinha, Umakant, v. Saxena, Rajendra K., *B* 43.
Sinzinger, H., v. Silberbauer, K., *B* 1471.
Sjöstrand, N.O., v. Klinge, E., *B* 1624.
Skagen, D.W., and Andersen, K.-J., *B* 673.
Skandhan, K.P., Skandhan, S., and Mehta, Y.B., *B* 1476.
Skandhan, S., v. Skandhan, K.P., *B* 1476.
Skrinska, V.A., Messineo, L., Towns, R.L.R., and Pearson, K.H., *B* 15.
Slade, B., and Milne, J., *B* 520.
Small, A., Homer, L.D., and Ide, R.S., *B* 1315.
Smeets, P.S.G.M., v. Linskens, H.F., *B* 42.
Smiesko, V., Kriška, M., and Kovalčík, V., *B* 745.
Smiley, M., Maret, R., and Fryder, V., *B* 955.
Smith, C.A., v. Bligh, J., *B* 370, *B* 1043.
Smith, C.P., v. Pennington, S.N., *B* 564.
Smith, D.A.S., *B* 844, *B* 845.
Smith, D.C., and El-Hage, A., *B* 1027.
Smith, D.F., *B* 1200.
Smith, D.J., v. Carmichael, S.W., *B* 391.
Smith, E.O., v. Hanks, C.T., *B* 635.
Smith, W.R., v. Jevning, R., *B* 618.
Smokovitis, A., *B* 483.
Smuckler, E.A., v. Izutsu, K.T., *B* 731.
Snider, R.S., Thomas, W., and Snider, S.R., *B* 479.
Snider, S.R., v. Snider, R.S., *B* 479.
Soares, A.E., v. Stort, A.C., *B* 31.
Soares, J.O., v. Aguas, A.P., *B* 1618.
Sobrinho-Simões, M.A., v. Paula-Barbosa, M.M., *B* 100.
Sohi, S.S., v. Fast, P.G., *B* 762.
Sola, Luciana, v. Cataudella, S., *B* 999.
Solanki, K., and Burckhardt, P., *B* 918.
Soliman, K.F.A., v. Clausell, D.E., *B* 410.
Soliman, K.F.A., v. Okonmah, A.D., *B* 1238.
Soliman, M.H., and Hay, D.A., *B* 329.
Somero, G.N., v. Low, P.S., *B* 314.
Somme, L., v. Block, W., *B* 1166.
Sontag, K.-H., v. Osborne, N.N., *B* 495.
Soranzo, C., v. Arcamone, F., *B* 1255.
Sordat, B., v. Bürki, K., *B* 936.
Sosa, A., Gonzalez-Angulo, A., Calzada, L., and Alva, S., *B* 157.
Soubrié, P., Thiébot, M.H., and Jobert, A., *B* 1621.
Soulsby, E.J.L., v. Lloyd, S., *B* 723.
Sowjanya, K., v. Chandra Sekara Reddy, D., *B* 606.
Spadari, S., v. Hübscher, U., *B* 943.
Spadaro, J.A., v. Chatterjee, T.K., *B* 1635.
Spahr, P.F., v. Bromley, P.A., *B* 934.
Spahr, P.F., v. Darlix, J.L., *B* 937.
Spahr, P.-F., v. Malnoë, P., *B* 946.
Spahr, P.F., v. Salomon, C., *B* 954.
Spalla, C., v. Beacco, E., *B* 1291.
Spampinato, S., v. Locatelli, V., *B* 1650.
Spanjers, A.W., *B* 36.
Späth, P.J., and Koblet, H., *B* 1664.
Spatz, M., v. Micic, D., *B* 169, *B* 1461.
Speck, B., v. Nissen, Catherine, *B* 1219.
Spector, R.G., v. Chegvidden, R., *B* 497.
Spector, S., v. Lai, F.M., *B* 1060.
Spenny, J.G., *B* 625.
Spera, G., v. Re, M., *B* 1081.
Spiess, C., v. Mondadori, C., *B* 901.
Spinelli, G., Melli, M., Arnold, E., and Birnstiel, M., *B* 955.
Spinelli, G., v. Bozzoni, I., *B* 934.
Sprovieri, G., v. Tedeschi, G.G., *B* 458, *B* 596.
Srdić, Ž., Beck, H., and Gloor, H., *B* 1572.
Srivastava, C.B.L., Seal, M., Das, P.K., and Gopesh, A., *B* 1345.
Srivastava, H.S., Tripathi, R.D., *B* 51.
Srivastava, R.S., v. Ghosal, S., *B* 1057.
Stadler, H., v. Nydegger, H., *B* 1319.
Stalder, J., Seebeck, T., and Braun, R., *B* 957.
Stalder, J., v. Dierks-Ventling, C., *B* 938.
Stalder, J., v. Seebeck, T., *B* 955.
Stanford, C., v. Gardner, C.R., *B* 1577.
Stankiewicz-Choroszuca, B., and Górski, J., *B* 357.
Stanton, Marge F., Ahrens, R.A., and Douglass, L.W., *B* 1182.
Starke, K., v. Schumacher, K.A., *B* 223.
Starr, P., v. Vaughan, G.M., *B* 1378.
Stäubli, Ursula, and Huston, J.P., *B* 903.
Stäubli, Ursula, v. Huston, J.P., *B* 900.
Steck, F., Häfliger, U., Stocker, Ch., and Wandeler, A., *B* 1662.
Stefano, G.B., and Aiello, E., *B* 749.
Stefano, G.B., v. Haley, J.E., *B* 210.
Stehlik, G., v. Macka, W., *B* 602.
Steigrad, P., Tobler, I., and Borbély, A.A., *B* 930.
Stein, E.A., v. Wnuk, W., *B* 920.
Stein-Werblowsky, Rachel, *B* 404, *B* 1340.
Steiner, W., Otten, A., Biro, Z., and Niederwieser, A., *B* 918.
Steinhausen, G., v. Wintzer, G., *B* 255.
Stella, M., v. Burckhalter, A., *B* 896.
Stenbäck, F., and Rowland, J., *B* 1065.
Stenke, L., v. Miale, T., *B* 1220.
Stephens, J.L., and Binkley, S., *B* 1523.
Stępien, H., v. Pawlikowski, M., *B* 271.
Sternberg, J., v. Malick, M.A., *B* 1216.
Stettler, E., and Jéquier, E., *B* 903.
Stettler, U., Weber, H., Koller, Th., and Weissmann, C., *B* 957.
Steven, A.C., and Carrascosa, J.L., *B* 958.
Steven, A.C., v. Carrascosa, J.L., *B* 1666.
Stevens, V.J., Rouzer, C.A., Monnier, V.M., and Cerami, A., *B* 918.
Stewart, B.W., v. Lykke, A.W.J., *B* 498.
Stewart, J.M., v. Dorer, F.E., *B* 1436.
Stigbrand, T., v. Eriksson, A., *B* 792.
Stingelin, J., v. Leeuw, S.A.J. de, *B* 913.
Stocker, Ch., v. Steck, F., *B* 1662.
Stocker, M., and Bürk, R.R., *B* 958.
Stoclet, J.C., v. Beretz, A., *B* 1054.
Stoklasová, A., Křížala, J., and Chmelař, V., *B* 870.
Stoll, R., Kinne, R., and Murer, H., *B* 919.
Stone, B.F., Binnington, K.C., and Neish, A.L., *B* 1173.
Stone, T.W., v. Taylor, D.A., *B* 481.
Stopp, M., Hartwich, R., and Bräunlich, H., *B* 1493.
Storck, H., v. Mindek, G., *B* 948.
Stort, A.C., and Soares, A.E., *B* 31.
Story, J.A., v. Kritchevsky, D., *B* 1328.
Stötzl, R., v. Eichele, G., *B* 908.
Stoye, J., v. DeLamarter, J.F., *B* 945.
Stragand, J.J., and Hagemann, R.F., *B* 189.
Straka, R., v. Mašek, K., *B* 1363.

- Strasser, S., v. Gasser, M., *B* 1662.
 Straub, R. W., v. Danisi, G., *B* 897.
 Strauss, A., Frischknecht, A., and King, P. J., *B* 958.
 Štrbák, V., v. Michajlovskij, N., *B* 409.
 Street, M. L., *B* 544.
 Strehler, E. E., Eppenberger, H. M., and Heizmann, C. W., *B* 919.
 Streit, P., Knecht, E., and Cuénod, M., *B* 903.
 Streit, P., v. Burkhalter, A., *B* 896.
 Strelkova, M. A., v. Komov, V. P., *B* 24.
 Stuart, Melissa, v. Reigh, D. L., *B* 107.
 Stutz, E., v. Jenni, B., *B* 944.
 Stygles, V. G., Reinke, D. A., Rickert, D. E., and Hook, J. B., *B* 1025.
 Suard, Y., Aubert, M., and Kraehenbuhl, J. P., *B* 955.
 Subbarao, M. N., Netrawali, M. S., and Pradhan, D. S., *B* 1279.
 Subrahmanyam, D., v. Mattock, M. B., *B* 304.
 Subramoniam, A., v. Ramakrishnan, C. V., *B* 435.
 Suda, H., v. Iso, T., *B* 1202.
 Suda, K., v. Barde, Y. A., *B* 932.
 Suda, Masami, v. Saito, Masayuki, *B* 700.
 Sudár, F., and Csaba, G., *B* 416.
 Sugaya, E., and Onozuka, M., *B* 1299.
 Sugi, H., v. Kometani, K., *B* 1469.
 Sugimoto, K., and Sato, T., *B* 196, *B* 611.
 Sulman, F. G., v. Givant, Y., *B* 643.
 Surendra Reddy, K. V., v. Venkateswarlu, D., *B* 233.
 Surolia, A., v. Majumdar, T., *B* 979.
 Sushma, v. Saxena, S. C., *B* 1162.
 Süss, U., and Pliška, V., *B* 955.
 Suter, M., Hütter, R., and Leisinger, Th., *B* 1669.
 Suter, M., v. Kieser, T., *B* 1668.
 Suzuki, I., v. Fujita, K., *B* 523.
 Suzuki, S., v. Harada, K., *B* 17.
 Suzuki, T., v. Takano, S., *B* 1063.
 Svelto, M., and Lippe, C., *B* 360.
 Swain, M. L., v. Fischer, G. M., *B* 624.
 Swzey, R., v. Low, P. S., *B* 314.
 Świerczyński, J., and Makarewicz, W., *B* 165.
 Swink, M. E., v. Micic, D., *B* 1461.
 Szabo, G., v. Glimcher, M. E., *B* 1079.
 Székely, M., *B* 58.
 Szepesházi, K., v. Selmeci, L., *B* 219.
 Szmítowski, M., and Prokopowicz, J., *B* 1365.
 Sabag, N., Castrillón, M. A., and Tchernitchin, A., *B* 666.
 Taban, C. H., and Cathieni, M., *B* 958.
 Tadkowski, T. M., and Jones, J. C., *B* 627.
 Taibi, G., v. Tesoriere, G., *B* 1268.
 Tajima, T., Iijima, K., and Watanabe, T., *B* 1459.
 Takaishi, Y., v. Fuji, K., *B* 237.
 Takano, S., Aikawa, T., Oishi, T., Goto, M., Tamura, O., and Suzuki, T., *B* 1063.
 Takaori, S., v. Shikimi, T., *B* 1188.
 Takayama, S., v. Katoh, Y., *B* 239.
 Takemoto, T., v. Asakawa, Y., *B* 155, *B* 971.
 Takemoto, T., v. Naya, Y., *B* 984.
 Takenouchi, Y., *B* 444.
 Takeshita, M., v. Kitao, T., *B* 94.
 Takeuchi, H., and Tamura, H., *B* 1052.
 Takeuchi, I. K., Takeuchi, Y. K., and Kajishima, T., *B* 1066.
 Takeuchi, Y. K., v. Takeuchi, I. K., *B* 1066.
 Tal, E., and Friedman, S., *B* 1286.
 Tal, E., Savion, S., Abraham, M., and Hanna, N., *B* 536.
 Talo, A., and Hodgson, B. J., *B* 198.
 Tamargo, J., v. Barrigón, S., *B* 770.
 Tamura, H., v. Takeuchi, H., *B* 1052.
 Tamura, O., v. Takano, S., *B* 1063.
 Tanaka, M., v. Kobayashi, H., *B* 750.
 Tanaka, T., v. Miyoshi, I., *B* 1089.
 Taniguchi, Y., v. Kawa, A., *B* 814.
 Tannert, Ch., v. Bartosz, G., *B* 1464.
 Tardy, M., Rolland, B., Bardakdjian, J., and Gonnard, P., *B* 823, *B* 1137.
 Tarli, P., v. Neri, P., *B* 1293.
 Tarr, M., and Trank, J. W., *B* 1472.
 Tartakoff, A. M., and Ruegg, U., *B* 958.
 Taycharipranai, S., v. Glinskun, T., *B* 869.
 Taylor, D. A., and Stone, T. W., *B* 481.
 Taylor, D. M., v. Tew, K. D., *B* 1215.
 Taylor, D. P., and Newburgh, R. W., *B* 695.
 Tchernitchin, A., Tchernitchin, X., Collao, C., and Rodriguez, A., *B* 134.
 Tchernitchin, A., v. Sabag, N., *B* 666.
 Tchernitchin, X., v. Tchernitchin, A., *B* 134.
 Tedeschi, G. G., Bondi, A., Paparelli, M., and Sprovieri, G., *B* 458.
 Tedeschi, G. G., Sprovieri, G., and Del Prete, Paola, *B* 596.
 Telang, B. V., v. Wangai, J., *B* 874.
 Telford, J., v. Kressmann, A., *B* 944.
 Terasmaa, T., *B* 1381.
 Tesoriere, G., Vento, R., Calvaruso, G., and Taibi, G., *B* 1268.
 Tew, K. D., and Taylor, D. M., *B* 1215.
 Thackrah, T. M., v. Gronow, M., *B* 430.
 Thairu, K., v. Wangai, J., *B* 874.
 Thakur, R. S., Bagadia, Suresh C., and Sharma, M. L., *B* 158.
 Thakur, S. S., v. Judson, P., *B* 817.
 Thaler, L., v. Bonhomme, F., *B* 1140.
 Thaler, L., v. Britton-Davidian, J., *B* 1144.
 Thaller, C., v. Eichele, G., *B* 908.
 Thamavit, W., v. Angsubhakorn, S., *B* 1069.
 Theodorides, V. J., v. Lloyd, S., *B* 723.
 Theodosios, D. T., v. Tribollet, E., *B* 903.
 Thiébot, M. H., v. Soubrié, P., *B* 1621.
 Thoenen, H., v. Barde, Y. A., *B* 932.
 Thoenen, H., v. Dumas, M., *B* 938.
 Thoenen, H., v. Otten, U., *B* 951.
 Thoenen, H., v. Schwab, M. E., *B* 957.
 Thökölly, I. de, v. Kato, L., *B* 1322.
 Thölen, H., v. Gröflin, U. B., *B* 1501.
 Thoma, F., and Koller, Th., *B* 958.
 Thomas, Ch., and Prasad, R. S., *B* 1440.
 Thomas, E., Kochba, J., and Wernicke, W., *B* 959.
 Thomas, E., v. Kochba, J., *B* 944.
 Thomas, E., v. Wernicke, W., *B* 961.
 Thomas, G., v. Heselbacher, G., *B* 941.
 Thomas, R. J., Feller, U., and Erisman, K. H., *B* 959.
 Thomas, W., v. Snider, R. S., *B* 479.
 Thompson, P., v. Fitschen, W., *B* 475.
 Thomson, A. W., Pugh-Humphreys, R. G. P., Tweedie, D. J., and Horne, C. H. W., *B* 528.
 Thorens, S., and Haeusler, G., *B* 930.
 Thornell, L.-E., v. Eriksson, A., *B* 792.
 Thureson-Klein, Åsa, Wang-Yang, Jen, and Ko, I. K., *B* 773.
 Tiemeier, D., v. Curtis, P., *B* 937.
 Tilghman, S., v. Curtis, P., *B* 937.
 Tingle, F. C., and Mitchell, E. R., *B* 153.
 Tippe, A., Greguss, P., and Müller-Mohnssen, H., *B* 365.
 Titeler, M., and Seeman, P., *B* 1490.
 Tizard, I. R., v. Assoku, R. K. G., *B* 127.
 Tizard, I. R., v. Nielsen, K., *B* 118.
 Tkachenko, B. I., Vinogradova, M. I., and Makovskaja, V. A., *B* 1298.
 Tobari, Y., v. Ishitani, R., *B* 1628.
 Tobe, St. S., *B* 1462.
 Tobler, I., Toszeghi, P., and Borbély, A. A., *B* 930.
 Tobler, I., v. Steigrad, P., *B* 930.
 Tocci, A. A., v. Kofoed, J. A., *B* 577.
 Toggenburger, G., Kessler, M., and Semenza, G., *B* 919.
 Tokawa, Y., v. Ozeki, T., *B* 387.
 Tomasco, Marina, v. Papeš, Dražena, *B* 1016.
 Toniolo, A., v. Bendinelli, M., *B* 1161.
 Toor, H. S., v. Kapur, K., *B* 811.
 Topal, M., v. Britton-Davidian, J., *B* 1144.
 Toro-Goyco, E., Zuazaga de Ortiz, C., and del Castillo, J., *B* 1131.
 Tosi, A. M., v. Cavatorta, P., *B* 849.
 Toskulkao, C., v. Glinskun, T., *B* 869.
 Toszeghi, P., v. Tobler, I., *B* 930.
 Totonchi, E., v. Bhatti, R. A., *B* 1364.
 Towns, R. L. R., v. Skrinksa, V. A., *B* 15.
 Townsend, J. M., v. Ghosh, A. C., *B* 819.
 Toyoda, Y., v. Okuda, J., *B* 563.
 Toyota, M., v. Asakawa, Y., *B* 155, *B* 971.
 Tragl, K. H., v. Hinterberger, W., *B* 860.
 Trank, J. W., v. Tarr, M., *B* 1472.
 Tratschin, J. D., Frank, G., Schärz, H. P., and Zuber, H., *B* 919.
 Tribollet, N. de, v. Martin-Achard, A., *B* 914.
 Tribollet, E., Theodosios, D. T., and Dreifuss, J. J., *B* 903.
 Trifaró, J. M., Ulpian, C., and Preiksaitis, H., *B* 1568.
 Tripathi, R. D., Srivastava, H. S., and Dixit, S. N., *B* 51.
 Trivellone, E., v. Cimino, G., *B* 1425.
 Trolliet, A., v. Giorgi, P. P., *B* 940.
 Trost, W., and Halbach, G., *B* 1051.
 Tsacopoulos, M., and Coles, J. A., *B* 903.
 Tsacopoulos, M., v. Evéquo, V., *B* 897.
 Tsai, C. T., v. Lin, M. T., *B* 756.
 Tschoop, F., v. Klaus-Fuchs, H., *B* 1671.
 Tsukamoto, T., v. Baba, A., *B* 1139.
 Tsunekawa, K., v. Hino, O., *B* 1359.
 Tsuru, M., v. Kamisaka, K., *B* 1265.
 Tunncliffe, G., and Ngo, T. T., *B* 989.
 Turian, G., *B* 1277.
 Turian, G., v. Oulevey, N., *B* 840.
 Türlér, H., and Salomon, C., *B* 959.
 Türlér, H., v. Rey-Bellet, V., *B* 953.
 Türlér, H., v. Rungger, D., *B* 954.
 Türlér, H., v. Salomon, C., *B* 954.
 Turner, C. E., v. Elsohly, M. A., *B* 1127.
 Turner, D. C., v. Puri, E. C., *B* 952.
 Tutton, P. J. M., *B* 249.
 Tuyns, A., and Melli, M., *B* 959.
 Tweedie, D. J., v. Thomson, A. W., *B* 528.
 Tyler, D. W., *B* 621.
 Tyler, D. W., v. Uddin, M., *B* 609.
 Uchimura, H., v. Itoh, M., *B* 988.
 Uddin, M., and Tyler, D. W., *B* 609.
 Ueno, I., and Chu, F. S., *B* 85.
 Ueno, Y., v. Jemali, M., *B* 1333.
 Uhlenbruck, G., v. Chatterjee, B. P., *B* 531.
 Uhlenbruck, G., v. Wintzer, G., *B* 255.
 Ukai, M., and Mitsuima, T., *B* 1095.
 Ulpian, C., v. Trifaró, J. M., *B* 1568.
 Uma Devi, P., and Saharan, B. R., *B* 91.
 Uma Devi, P., v. Saini, M. R., *B* 1627.
 Umemoto, K., *B* 600.
 Umino, Y., v. Matsuno, T., *B* 54.
 Unger-Ullmann, C., and Modak, S. P., *B* 959, *B* 960.
 Unger-Ullmann, C., v. Modak, S. P., *B* 949.
 Unnithan, G. C., Nair, K. K., and Kooman, Cathy J., *B* 411.
 Unsicker, K., and Gröschel-Stewart, U., *B* 102.
 Upreti, R. K., *B* 166.
 Upshall, D. G., v. Harrison, J. M., *B* 698.
 Usui, Y., v. Yoshida, K., *B* 885.
 Vaalasti, A., v. Hervonen, A., *B* 111.
 Valenzuela, G., Hodgson, B. J., and Harper, M. J. K., *B* 388.
 Vallet, P., v. Baertschi, A. J., *B* 895.
 Vallier, Paulette, v. Bata, Jacqueline, *B* 572.
 Vallotton, M. B., v. Reinharz, A. C., *B* 1232.
 van Benthem, J., v. Balemans, M. G. M., *B* 1434.
 van Berlo, M. F., v. Balemans, M. G. M., *B* 887.
 Vanderhoff, J. W., v. LeFevre, M. E., *B* 120.

- Van der Loos, H., v. Giorgi, P.P., *B* 940.
 Van der Weyden, M.B., Bailey, L., and Garson, O.M., *B* 531.
 van Eijk, G.W., and Roeymans, H.J., *B* 1257.
 Vanhala, Leena, v. Martinmaa, J., *B* 872.
 Van Herreweghe, J., and David, J.R., *B* 163.
 Van Honk, C.G.J., Velthuis, H.H.W., and Röseler, P.-F., *B* 838.
 Van Went, G.F., *B* 324.
 Vapaatalo, H., Lindén, Inge-Britt, Metsä-Ketelä, T., Kangasaho, M., and Laustiola, K., *B* 384.
 Vardanis, A., *B* 228.
 Vardhani, V., and Johri, G.N., *B* 122.
 Varon, Zoia, v. Polonsky, Judith, *B* 1122.
 Vasilescu, V., Katona, Eva, Simplăceanu, V., and Demco, D., *B* 1443.
 Vasilyeva, I.A., v. Bykova, G.V., *B* 1146.
 Vassalli, P., v. Rüegg, U.T., *B* 917.
 Vaudaux, P., and Waldvogel, F.A., *B* 1661.
 Vaughan, G.M., Reiter, R.J., Siler-Khodr, T.M., Sackman, J.W., Allen, J.P., Vaughan, M.K., McGuire, W.L., Johnson, L.Y., and Starr, P., *B* 1378.
 Vaughan, M.K., v. Vaughan, G.M., *B* 1378.
 Vazquez Herrero, C., v. Martinez-Sierra, R., *B* 1611.
 Vecchi, C., v. Granata, A.L., *B* 591.
 Veeravalli, Jaya, v. Paknikar, S.K., *B* 553.
 Végheley, P.V., and Osztovcics, Magda, *B* 195.
 Veith, H.J., Weiss, J., and Koeniger, N., *B* 423.
 Vellet, A.D., v. Borsook, D., *B* 70.
 Veljković, V., and Ajdačić, V., *B* 639.
 Veljković, V., and Lalović, D.I., *B* 1342.
 Veljković, V., v. Ajdačić, V., *B* 633.
 Velthuis, H.H.W., v. van Honk, C.G.J., *B* 838.
 Venkateswarlu, D., Surendra Reddy, K.V., and Sasira Babu, K., *B* 233.
 Venkitasubramanian, T.A., v. Dhariwal, K.R., *B* 303.
 Vento, R., v. Tesoriere, G., *B* 1268.
 Verbert, Myriam, v. Gilles-Baillien, Michelle, *B* 1174.
 Verkley, A.J., v. Ververgaert, P.H.J.Th., *B* 454.
 Verley, J.M., v. Hollmann, K.H., *B* 98.
 Vermeil, C., v. Neveu, P.J., *B* 1644.
 Vernay, M., Cornic, M., Aubery, M., and Bourrillon, R., *B* 736.
 Vernon, C.A., v. Banks, Barbara E.C., *B* 1371.
 Vertuno, L.L., v. Rakowski, T.A., *B* 359.
 Ververgaert, P.H.J.Th., and Verkley, A.J., *B* 454.
 Vetterli, J., and Ettlinger, L., *B* 1669.
 Vidal, M.A., v. DeFeudis, F.V., *B* 1169.
 Viggiani, E., v. Salzarulo, L.M., *B* 1382.
 Vigouret, J.M., Jaton, A.L., Wagner, H.R., and Loew, D.M., *B* 931.
 Vigouret, J.M., v. Züger, P.E., *B* 637.
 Vijande, M., Costales, M., and Marin, B., *B* 742.
 Vijayalakshmi, S., Pavan Kumar, T., and Sasira Babu, K., *B* 192.
 Vilhelmová, Miloslava, v. Hála, K., *B* 1556.
 Villard, D., v. Fakan, S., *B* 939.
 Vinayak, V.K., v. Chopra, A.K., *B* 1457.
 Vincent, A., v. Civelli, O., *B* 936.
 Vincent, J., v. Abrahamsson, S., *B* 1446.
 Vincent-Ablazey, M., Baker, T., and Lowndes, H.E., *B* 1479.
 Vinogradova, M.I., v. Tkachenko, B.I., *B* 1298.
 Villaggio, B., v. Pistoia, V., *B* 1453.
 Viswanathan, N., v. Joshi, B.S., *B* 422.
 Viviani, A., and Lutz, W.K., *B* 931.
 Vizet, A., v. Looze, Y., *B* 1017.
 Vögeli, G., v. Janner, Faustina, *B* 943.
 Vogt, V., v. Hall, L., *B* 941.
 Volpe, E.A., *B* 113.
 Volpin, L., v. Danieli Betto, D., *B* 1582.
 von der Helm, K., Rungger, D., Wille, W., and Willecke, K., *B* 942.
 Vonlanthen, M., Horisberger, M., and Rosset, J., *B* 960.
 Vonlanthen, M., v. Horisberger, M., *B* 274, *B* 942.
 Vook, R.W., v. Chatterjee, T.K., *B* 1635.
 Voûte, C.L., v. Meier, W., *B* 901.
 Wächter, D., Kreis, T., and Cogoli, A., *B* 960.
 Wachter, W., v. Anhut, H., *B* 1494.
 Wadhams, L.J., v. Blight, Margaret M., *B* 1119.
 Waggoner, Ph.R., *B* 1213.
 Wagner, H.R., v. Flückiger, E., *B* 1330.
 Wagner, H.R., v. Reinert, H., *B* 929.
 Wagner, H.R., v. Vigouret, J.M., *B* 931.
 Waitz, J.A., v. Panitz, E., *B* 733.
 Wakely, Jennifer, and England, Marjorie A., *B* 243.
 Waldmeier, P.C., and Maître, L., *B* 931.
 Waldmeier, P.C., v. Baumann, P.A., *B* 922.
 Waldvogel, F.A., v. Vaudaux, P., *B* 1661.
 Waldvogel, M., v. Zapf, J., *B* 920, *B* 921.
 Walker, R.I., v. Hamilton, R.G., *B* 582.
 Walker, R.J., v. James, Victoria A., *B* 1630.
 Wallace, H., *B* 1360.
 Wallimann, T., v. Pelloni, G., *B* 951.
 Wallner, O., v. Schill, W.-B., *B* 509.
 Walser, J.T., v. Burckhardt, J.J., *B* 935.
 Walt, H., and Kistler, G.S., *B* 960.
 Wandeler, A., v. Steck, F., *B* 1662.
 Wang, S.J., Frangi, U., and Felix, D., *B* 904.
 Wang-Yang, Jen, v. Thureson-Klein, Asa, *B* 773.
 Wangai, J., Ng'ang'a, J.N., Njoroge, D., Thairu, K., and Telang, B.V., *B* 874.
 Wani, A.A., Hadi, S.M., and Ahmad, N.S., *B* 392.
 Wardlaw, A.C., v. Saddler, J.N., *B* 1227.
 Wardle, E.N., *B* 886.
 Warenycia, M.W., Allen, J.R., Babiuk, L.A., Gordon, J.R., and Grewal, A.S., *B* 473.
 Warren, G.H., Mills, L., and Friedman, H., *B* 802.
 Warren, G.S., and Fowler, M.W., *B* 356.
 Wartburg, J.P. von, v. Münst, G.J., *B* 927.
 Wartburg, J.P. von, v. Wermuth, B., *B* 919.
 Waser, J., Hübscher, U., and Kuenzle, C.C., *B* 960.
 Waser, P.G., v. Mondadori, C., *B* 902.
 Washio, H., v. Yamamoto, D., *B* 1603.
 Washüttl, J., v. Macka, W., *B* 602.
 Watabe, Y., v. Kuratsuka, K., *B* 1483.
 Watanabe, T., v. Tajima, T., *B* 1459.
 Watrous, J., v. Cruithers, L.R., *B* 1574.
 Watts, R.W.E., *A* 143.
 Weaving, J.N., and Cullen, M.J., *B* 796.
 Weber, H., Müller, W., Meyer, F., and Weissmann, C., *B* 960.
 Weber, H., v. Meyer, F., *B* 948.
 Weber, H., v. Stettler, U., *B* 957.
 Weber, J., and Hecker, E., *B* 679.
 Weber, R., v. Felber, B.K., *B* 939.
 Weber, R., v. Jaggi, R., *B* 943.
 Wehner, R., *B* 904.
 Wehrli, W., v. Felix, H.R., *B* 1667.
 Weibel, E.R., v. Bachofen, H., *B* 895.
 Weibel, M., v. Parish, R.W., *B* 951.
 Weidmann, Silvio, *A* 964.
 Weigold, M., v. Heumann, H.-G., *B* 649.
 Weihe, W.H., and Baumann, I.R., *B* 904.
 Weil, R., v. Gabbiani, G., *B* 940.
 Weil, R., v. Lichaa, M., *B* 945.
 Weil, R., v. Matter, J.M., *B* 947.
 Weil, R., v. Schneider, R., *B* 956.
 Weiler, J., and Sachsse, W., *B* 334.
 Weinshilboum, R.M., Dunnette, J., Raymond, F., and Kleinberg, F., *B* 310.
 Weiss, V., v. Veith, H.J., *B* 423.
 Weissmann, C., v. Curtis, P., *B* 937.
 Weissmann, C., v. Stettler, U., *B* 957.
 Weissmann, C., v. Weber, H., *B* 960.
 Wells, R.J., v. Kazlauskas, R., *B* 156.
 Wenham, M.J., v. Blight, Margaret M., *B* 1119.
 Went, D.F., Camenzind, R., and Fux, T., *B* 1641.
 Wenzelides, K., v. Braselmann, H., *B* 1478.
 Werber, M.M., *B* 575.
 Wermuth, B., and Wartburg, J.P. von, *B* 919.
 Wernicke, W., and Thomas, E., *B* 961.
 Wernicke, W., v. Thomas, E., *B* 959.
 West, R.W., and Chernenko, G.A., *B* 1082.
 Weston, G.D., Farrimond, J.A., and Elliott, M.C., *B* 468.
 Weymarn, N., v. Müller, H.J., *B* 961.
 White, J.F., Jones, J.B., Lange, R.D., and Fuhr, J.E., *B* 1367.
 White, T.G., *B* 931.
 Whittington, P.M., v. Denburg, J.L., *B* 252.
 Whitmore, I., *B* 1632.
 Widmer, H., v. Frank, G., *B* 940.
 Widmer, H., v. Jaggi, R., *B* 943.
 Widmer, R., Krüsi, S., and Parish, R.W., *B* 961.
 Wiedeman, Mary P., *A* 1413, *A* 1421.
 Wiemer, D.F., Hicks, K., Meinwald, J., and Eisner, T., *B* 969.
 Wiesmann, U., v. Burkart, T., *B* 907.
 Wiesmann, U., v. Jutzi, H., *B* 912.
 Wiesmann, U., v. Siegrist, H.P., *B* 917.
 Wiggins, J.R., and Bassett, A.L., *B* 1591.
 Wihlidal, H., v. Macka, W., *B* 602.
 Wikberg, J.E.S., and Andersson, R.G.G., *B* 737.
 Wild, P., Limacher, W., Hunziker, W., and Fischer, J.A., *B* 904.
 Wilkinson, M., and Arendt, Josephine, *B* 667.
 Will, P.C., and Noteboom, W.D., *B* 217.
 Wille, W., v. von der Helm, K., *B* 942.
 Willecke, K., v. der Helm, K., *B* 942.
 Williams, P., v. Amos, T.G., *B* 469.
 Williams, T.H., v. Kataoka, S., *B* 879.
 Wilson, A.F., v. Jevning, R., *B* 618.
 Wilson, K.J., v. Eichele, G., *B* 908.
 Wilson, K.J., v. Gitzelmann-Cumarasamy, N., *B* 909.
 Wilson, R.G., v. Botham, R.P., *B* 207, *B* 209.
 Winkelman, J.W., v. Drewes, Patricia A., *B* 316.
 Winter, Maya, v. Silberbauer, K., *B* 1471.
 Winters, R.W., v. Pollack, J.G., *B* 80.
 Wintzer, G., Uhlenbruck, G., Steinhausen, G., and Carmann, H., *B* 255.
 Wipf, Gabrielle, v. Zagalak, B., *B* 1537.
 Wirz-Justice, A., v. Feer, H., *B* 923.
 Wirz-Justice, A., v. Kräuchi, K., *B* 761, *B* 926.
 Wise, Christina, v. Kunz, Yvette W., *B* 246.
 Wiseman, L.L., and Hammond, W.R., *B* 462.
 Witas, H., v. Kędziora, J., *B* 712.
 Wittek, R., Bachmann, P.A., Mayr, A., and Wyler, R., *B* 1664.
 Wittek, R., Menna, A., Boseley, P., and Wyler, R., *B* 961.
 Wittek, R., v. Müller, H.K., *B* 950.
 Witte, B., v. Lacko, L., *B* 26.
 Wnuk, W., *B* 919.
 Wnuk, W., and Cox, J.A., *B* 920.
 Wnuk, W., and Stein, E.A., *B* 920.
 Wojnarowski, W., v. Jaquet, H., *B* 912.
 Wold, J.S., and Miller, Brenda L., *B* 630.
 Wolf, G., v. Gassel, W.D., *B* 765.
 Wolf, H.U., Zander, R., and Lang, W., *B* 920.
 Wolf, H.U., v. Zecher, R., *B* 921.

- Wolf, P., Olpe, H.-R., Avrith, D., and Haas, H. L., *B* 73.
- Wolfarth, S., v. Osborne, N. N., *B* 495.
- Wolff, Etienne, *A* 277.
- Wolinsky, Ira, v. Sherman, Adria Rothman, *B* 367.
- Wolters, W., v. Behne, D., *B* 270, *B* 986.
- Wong, P. Y. D., v. Wong, Y. C., *B* 485.
- Wong, Tuen-ye, Yew, D. T., and Bau, Y. S., *B* 513.
- Wong, Y. C., Wong, P. Y. D., and Yeung, C. H., *B* 485.
- Wood, G. W., v. Madyastha, K. R., *B* 1349.
- Woodbridge 3rd, R. G., *B* 1445.
- Woodson, P., v. Driscoll, P., *B* 897.
- Woodward, B., *B* 1638.
- Woolf, C. J., v. Borsook, D., *B* 70.
- Wordinger, R. J., and Kell, J. A., *B* 881.
- Wotosowicz, N., v. Kemonia, H., *B* 257.
- Wroblewski, T. E., and Rodbard, S., *B* 1467.
- Wu, M. T., and Salunkhe, D. K., *B* 214.
- Wuhrmann, P., *B* 961.
- Wünschmann-Henderson, Barbara, and Astrup, T., *B* 1288.
- Würgler, F., v. Manthey, B., *B* 927.
- Wüthrich, K., Bundi, A., Boesch, Ch., Oppliger, M., and Andreatta, R., *B* 920.
- Wyler, R., v. Koblet, H., *B* 1164.
- Wyler, R., v. Müller, H. K., *B* 950.
- Wyler, R., v. Schümperli, D., *B* 957, *B* 1665.
- Wyler, R., v. Wittek, R., *B* 961, *B* 1664.
- Wyrsh, U., v. Gasser, M., *B* 1662.
- Wyss, C., and Eppenberger, H., *B* 961.
- Wyss, S., v. Berger, A. Ch., *B* 909.
- Yadav, S. S., v. Saini, M. R., *B* 1627.
- Yagen, B., v. Schoental, R., *B* 763.
- Ya, Kon', I., v. Chandhary, L. R., *B* 991.
- Yamamoto, D., Fukami, J., and Washio, H., *B* 1603.
- Yamasaki, M., v. Kagimoto, T., *B* 1092.
- Yamashita, S., Seyama, Y., and Ishikawa, N., *B* 472.
- Yamauchi, H., v. Iso, T., *B* 1202.
- Yamori, Y., v. Nagatsu, T., *B* 305.
- Yang, H. S., and Archer, M. C., *B* 702.
- Yannopoulos, G., *B* 1000.
- Yarbrough, G. G., and Singh, D. K., *B* 390.
- Yardley, J. P., Fletcher III, H., and Russell, P. B., *B* 1124.
- Yates, M. S., v. Hiley, C. R., *B* 1061.
- Yen, T. T., Allan, J. A., Pearson, D. V., and Acton, J. M., *B* 1542.
- Yeung, C. H., v. Wong, Y. C., *B* 485.
- Yew, D. T., *B* 1634.
- Yew, D. T., v. Wong, Tuen-ye, *B* 513.
- Yin, T. H., v. Lin, M. T., *B* 756.
- York, J. L., *B* 224.
- Yoshida, K., Ohtomo, T., and Usui, Y., *B* 885.
- Yoshihara, H., and Yew, D., *B* 1187.
- Youn, B., v. Malacinski, G. M., *B* 883.
- Young, D., v. Currell, D. L., *B* 439.
- Young, S. R., v. Block, W., *B* 1166.
- Youson, J. H., and Sidon, E. W., *B* 1084.
- Yuthavong, Y., *B* 440.
- Zagalak, B., Curtius, H.-Ch., Foschi, Rosmarie, Wipf, Gabrielle, Redweik, U., and Zagalak, Maria-Jolanta, *B* 1537.
- Zagalak, Maria-Jolanta, v. Zagalak, B., *B* 1537.
- Zajdela, F., v. Schwind, H., *B* 918.
- Zamboni, G., v. Cianci, T., *B* 896.
- Zamora, S., v. Bhatti, R. A., *B* 1364.
- Zampirolo, P., v. Martino, R., *B* 466.
- Zander, R., v. Wolf, H. U., *B* 920.
- Zanetti, L., v. Cariello, L., *B* 1427.
- Zangger, P., *B* 904.
- Zaoral, M., v. Mašek, K., *B* 1363.
- Zapf, J., Waldvogel, M., Zumstein, P., and Froesch, E. R., *B* 920, *B* 921.
- Zavala, F., Guénard, D., and Potier, P., *B* 1497.
- Zbinden, G., Hörler, D., and Rageth, B., *B* 931.
- Zbinden, G., v. Maier, P., *B* 927.
- Zbinden, G., v. Lutz, W. K., *B* 1609.
- Zbinden, G., v. Schmid, B., *B* 930.
- Zecher, R., and Wolf, H. U., *B* 921.
- Zeiler, R., v. Gelles, J. M., *B* 619.
- Zettlemoyer, A. C., v. Clegg, J. S., *B* 734.
- Zeyer, J., Bodmer, J., and Hütter, R., *B* 1671.
- Ziegler, Brigitte, Ziegler, M., and Fiedler, H., *B* 138.
- Ziegler, M., v. Ziegler, Brigitte, *B* 138.
- Ziel, R., *B* 931.
- Zielke, H. R., v. Sevdalian, D. A., *B* 843.
- Zimmermann, J. M., and Piffaretti, J.-Cl., *B* 962.
- Zimmermann, W., *B* 1667.
- Zirne, R. A., v. Erenpreiss, J. G., *B* 882.
- Ziska, P., Franz, H., and Kindt, A., *B* 123.
- Zuazaga de Ortiz, C., and Castillo, J. del, *B* 1033.
- Zuazaga de Ortiz, C., v. Toro-Goyco, E., *B* 1131.
- Zuber, H., v. Frank, G., *B* 940.
- Zuber, H., v. Kopp, F., *B* 913.
- Zuber, H., v. Pugatsch, Thea, *B* 952.
- Zuber, H., v. Sidler, W., *B* 917.
- Zuber, H., v. Tratschin, J. D., *B* 919.
- Züger, P. E., Vigouret, J. M., and Loew, D. M., *B* 637.
- Zumstein, H. R., v. Roches, J.-C., *B* 902.
- Zumstein, P., v. Zapf, J., *B* 920, *B* 921.
- Zünd, P., v. Lebek, G., *B* 1659.
- Zürcher, G., v. Da Prada, M., *B* 928.
- Zwahlen, R., Hauser, R. E., Richardson, B. P., and Donatsch, P., *B* 962.
- Zweifel, U., v. Lüthy, J., *B* 926.





EXPERIENTIA



REVUE MENSUELLE DES SCIENCES PURES ET APPLIQUÉES
MONATSSCHRIFT FÜR DAS GESAMTE GEBIET DER NATURWISSENSCHAFT
RIVISTA MENSILE DI SCIENZE PURE E APPLICATE
MONTHLY JOURNAL OF PURE AND APPLIED SCIENCE
REVISTA MENSUAL DE LAS CIENCIAS NATURALES
ЕЖЕМЕСЯЧНЫЙ ЖУРНАЛ ЕСТЕСТВЕННЫХ НАУК

Editores: H. AEBI, Bern · D. ARIGONI, Zürich · P. S. CHEN, Zürich · A. TISSIÈRES, Genève · S. WEIDMANN, Bern

Redactor: H. MISLIN, Basel · Carona

Pars II

Vol. 34 · 1978

BIRKHÄUSER VERLAG BASEL (SCHWEIZ)

Printed in Switzerland

Fasc. 1	(15. 1. 78)	pag.	1- 142
Fasc. 2	(15. 2. 78)	pag.	143- 276
Fasc. 3	(15. 3. 78)	pag.	277- 418
Fasc. 4	(15. 4. 78)	pag.	419- 552
Fasc. 5	(15. 5. 78)	pag.	553- 678
Fasc. 6	(15. 6. 78)	pag.	679- 822
Fasc. 7	(15. 7. 78)	pag.	823- 962
Fasc. 8	(15. 8. 78)	pag.	963-1104
Fasc. 9	(15. 9. 78)	pag.	1105-1246
Fasc. 10	(15. 10. 78)	pag.	1247-1390
Fasc. 11	(15. 11. 78)	pag.	1391-1530
Fasc. 12	(15. 12. 78)	pag.	1531-1672

